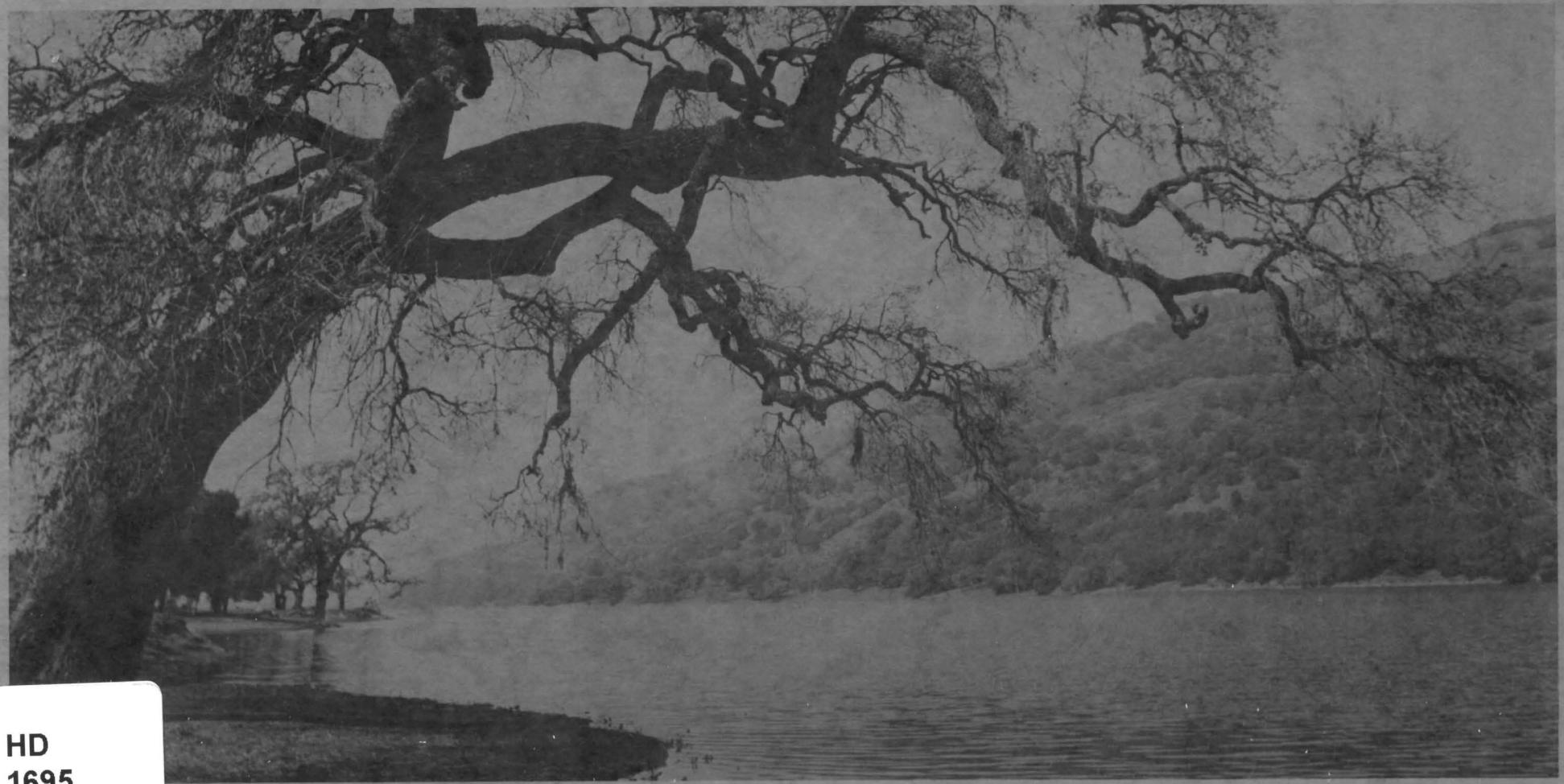
REQUESTED BUDGET 1982-83



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Santa Clara Valley Water District

PROPERTY OF SANTA CLARA VALLEY
WATER DISTRICT
5750 Almaden Expressway
San Jose, California 95118



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SUBMITTED BY: John T. O'Halloran
General Manager

BOARD OF DIRECTORS

Arthur T. Pfeiffer, Chairman

Maurice E. Dullea
Patrick T. Ferraro
Audrey H. Fisher
Robert W. Gross
James J. Lenihan
Sig Sanchez

PROPERTY OF SANTA CLARA VALLEY
WATER DISTRICT
5750 Almaden Expressway
San Jose, California 95118

June 22, 1982

Santa Clara County
Honorable Board of Supervisors
County Government Center, East Wing
70 West Hedding Street
San Jose, California 95110

Dear Board Members:

Transmitted herewith is the Requested District Budget for fiscal year 1982-83. The budget is presented in the same order and concise format as in the past several years, and sets forth minimum expenditure levels considered appropriate for flood control, water utility and general operations of the District.

The budget, as requested, incorporates expenditures for flood control services in conformance with the Benefit Assessment Program approved by the Board of Directors on June 9, 1981. As adopted, this program provides critically needed funding to achieve and maintain minimum standards of safety and operational effectiveness in providing flood protection within Santa Clara County. The benefit assessments are authorized by and in compliance with Government Code 60400 et seq. The requisite approval of the program by the voters of the District was secured at the Election of June 8, 1982.

The flood control planning, construction and maintenance budgets are based on priorities and programs developed with the assistance of the Flood Control Zone Advisory Committees. An appropriation of about $32.5 million is included for major projects on the principal streams within the District. The maintenance program will be continued at the higher level allowed by the assessment and in response to public request and our more accurate definition of needs.

The requested Water Utility Enterprise budget includes appropriations for completion of the Almaden Valley Pipeline from Calero Reservoir to the existing Almaden Valley Pipeline, construction of another major portion of the Cross Valley Pipeline and design of the Anderson Force Main, all part of the ongoing expansion of the In-County Water Distribution System. Major studies in progress include the enlargement of the Anderson Dam spillway, design of remedial repairs for Stevens Creek Dam, site studies of the proposed Santa Teresa Water Treatment Plant, an EIR for the enlargement of Calero Dam and Reservoir and various water quality investigations. To finance the improvements to the Water Distribution System and provide for marketing the remaining revenue bonds, the requested 1982-83 budget reflects an increase in the basic user water rates of $5 per acre-foot for municipal and industrial use and $1.25 per acre-foot for agricultural use. This increase in user rates was recommended by the District's Water Commission, the Agricultural Water Advisory Committee, and the District's treated water contractors and was adopted by the Board to be effective July 1, 1982. In accordance with established policy, an ad valorem real property tax in the amount of $5,100,000 will be levied under Article XIII A, Section 1 (b) of the California Constitution to meet a portion of the District's State Water Project contract obligations.

S4L1585

Continuing its efforts in the area of water reclamation and reuse, the District will continue to produce water from the reclamation facilities at Gilroy and Palo Alto. The District's water conservation efforts will also be continued during 1982-83.

More detailed information on the proposals in this budget will be found in narrative form preceding each section.

Sincerely,

Arthur T. Pfeiffer, Chairman
Board of Directors

S4L1585

SANTA CLARA VALLEY WATER DISTRICT
1982-83

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GENERAL INFORMATION

To finance its activities, the District has been divided into zones of benefit. Five of these zones support flood control activities. The boundary of each zone is described at the beginning of its Budget Summary. Other zones have been established for District administration and to provide financing for the conservation, distribution, reclamation, and treatment of local and imported water.

Ad valorem tax allocations from the Countywide property tax finance the expenditures of each Flood Control Zone. The expenditures within each zone for all programs are presented on the program summary sheets within each zone budget.

Budgeting for the Water Utility is accomplished on an enterprise fund basis. Water supply activities are partially financed by an allocation of the Countywide tax to pay for the cost of import facilities and for the recreational benefits derived from the District's reservoirs. The major source of water supply income is a charge levied on all groundwater extracted within Zone W-2 of the District and from the sale of treated water. Other sources of revenue result from a tax allocation to Zones W-3 and W-4, from the sale of surface-delivered untreated water, and reclaimed water.

The District receives a small Countywide administration tax allocation to purchase fixed assets such as office equipment and to fund general governmental costs required in the overall operation of the District.

BUDGETING PROCESS

The budget is prepared as a cooperative effort of all organizational units and reviewed by a Budget Committee. Responsibility is established for every project in each program. Each work effort is defined by Project Coordinators and each participating organizational unit budgets the items necessary for its successful completion.

Each activity of the District can be related to one of several financial accounting units known as "cost centers". Within each cost center subgroupings of related activities are determined and called programs; an analysis of the major programs would show the following allocation of activities:

PLANNING — includes all labor and contractual services on projects up to the final design activity which is included in the Construction Program. Planning includes all planned studies, the preparation of hearing plans, and certain special studies.

CONSTRUCTION — includes all labor, use or purchase of equipment and contractual services which result in the completion of a project, a substantial improvement to the life or value of a physical project or the acquisition of a new physical asset.

MAINTENANCE — includes all work performed on District projects, facilities or equipment which result in maintaining constructed works or equipment in operating condition.

OPERATIONS includes all work performed in the release, diversion, treatment, reclamation or transportation of water in or through channels or pipelines, ongoing application of District ordinances and land ownership management.

ADMINISTRATION includes all labor and contractual services required in the administration of a cost center.

MAJOR PROJECTS PROPOSED FOR 1982-83

This section will highlight the major projects proposed for 1982-83. It should be noted, however, that all projects in the Planning and Construction Programs are explained within each cost center. Included at the end of each section is a listing of each project showing the amount budgeted for each program.

PLANNING Work within this program provides coordinated studies and planning activities to support the needs of the cost center. Also included in this program is labor to support the Planning Program for surveying, right of way engineering, and technical services. Major planning studies for the 1982-83 fiscal year are:

Cost Center	Project Title	Cost
Allocated	Waterways Planning Study - Phase I	$ 84,672
Northwest	Palo Alto Flood Basin	76,075
North Central	Saratoga Creek	25,924
Central	Guadalupe River	80,830
Central	Los Gatos Creek	99,956
East	Waterways Planning Study - Phase II	35,411
East	Coyote Creek	41,324
East	Penitencia Creek Upper	87,347
Source of Supply	Saltwater Intrusion Study	98,220
Source of Supply	Hydroelectric Study	59,054
Source of Supply	Federal Water Project	32,769
Source of Supply	Anderson Dam and Reservoir	152,579
Source of Supply	Calero Dam and Reservoir	54,556
Water Treatment	Penitencia Water Treatment Plant	35,463
Water Treatment	Santa Teresa Water Treatment Plant	129,214
Admin. & General	Financial and Cash Flow Study	116,249
Admin. & General	Annual Water Supply Balance	31,364
Admin. & General	Water Reclamation Studies	29,262
Admin. & General	Groundwater Model	52,873
Admin. & General	Water Resouces Master Planning	185,518
Admin. & General	Water Quality Studies	117,781

CONSTRUCTION

The capital improvements budgets include the following major improvements to be initiated or completed in 1982-83. Details may be reviewed within the individual cost center texts.

Cost Center	Project Title	Cost
Northwest	Adobe Creek	$ 188,010
Northwest	Stevens Creek	2,669,521
Northwest	Palo Alto Flood Basin	885,841
North Central	Calabazas Creek	163,559
North Central	Saratoga Creek	1,391,085
Central	Alamitos Creek	326,779
Central	Guadalupe River	6,799,422
East	Silver Creek Lower	303,151
East	Penitencia Creek Lower	2,481,807
South	Upper Llagas Creek Watershed Project	122,193
South	Lower Llagas Creek Watershed Project	1,932,186
Raw Water T&D	Vasona Pump Station	237,834
Raw Water T&D	Almaden Valley Pipeline	536,612
Raw Water T&D	Cross Valley Pipeline	7,336,955
Raw Water T&D	Anderson Force Main	598,359
Raw Water T&D	Maple Avenue Recharge Facility	2,002,211
Water Treatment	Penitencia Water Treatment Plant	242,583
Water Treatment	Rinconada Water Treatment Plant	474,816
Treated Water T&D	West Reservoir	985,937

MAINTENANCE & OPERATIONS

Projects within these programs capture costs associated with the operations of all facilities for the water supply and for the maintenance of all constructed facilities and the equipment in the Flood Control Zones and Water Utility to maintain them in the original or improved condition.

ADMINISTRATION

Work within this program provides a focal point to capture administrative support including District labor and contractual services which benefit the entire cost center and are not allocable to any individual project. Included are costs for Insurance and a general administrative project.

DISTRICT SALARIES AND STAFFING

The following presents a comparison of actual salaries for fiscal year 1980-81, those approved in fiscal year 1981-82, and those requested for fiscal year 1982-83.

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Permanent Position Salaries	$6,679,744	7,672,269	8,412,435	
Overtime Salaries	138,208	341,448	285,610	
Total	$6,817,952	8,013,717	8,698,045	

The following presents a comparison of the District staff for the past two years and that requested for the new fiscal year. Salaries for temporary employees are being administered by employment agencies.

	1979-80	1980-81	1981-82	New Position Requests	1982-83 Planned Staffing
General Manager	9	9	9		8
Clerk of the Board	12	12	12		12
Administration and Finance	41	40	45		43[a]
Data and Control Systems	17	17	0		0
Chief Engineer	2	0	0		0
Water Supply	29	29	31		30[a]
Flood Control	70	70	70		66[a]
Operations and Maintenance	107	109	126	1[b]	126[a]
Total Authorized Positions	287	286	293	1[b]	286[c]

(a) Unfilled Positions:

2 Administration and Finance Unit
1 Water Supply
4 Flood Control Unit
1 Operations and Maintenance Unit
8

(b) New Positions Requested:

1 Painter is requested by the Water Utility Division

(c) 293 (+) 1 requested (-) 8 unfilled = 286

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET

REVENUE

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$ 62,908,395	48,554,257	55,166,220	
Revenue Sources				
Property Taxes				
Secured	11,804,717	13,726,219	16,014,423	
Unsecured	1,451,990	916,290	1,911,310	
Delinquent	603,537	483,500	694,665	
Interest	8,783,813	8,575,842	7,481,239	
Agreements & Advances				
District Loan	263,927	1,280,000	2,206,800	
Property Rentals	109,562	74,273	124,333	
El Camino Hospital			92,842	
State Water Resources Control Board		98,000		
City of Gilroy	70,261	64,841	60,019	
Environmental Protection Agency		587,998		
Gavilan WCD	30,168	33,118	33,118	
NASA-Ames		815,000	707,942	
Grants	214,861			
Loma Prieta R.C.D.	1,167	500	500	
City of San Jose & S. Clara County	36,800	152,745		
Kaufman & Broad		8,000		
Cities of Palo Alto/Menlo Park	24,320			
Cities of Palo Alto/Mountain View		84,000		
Other			3,323	
Groundwater Charges	7,027,389	10,312,512	10,531,650	
Surface Water Charges	120,138	120,000	140,000	
Treated Water Charges	6,531,350	8,724,923	9,641,290	
Reclaimed Water Charges	6,871	10,387	14,900	
Sale of Assets	40,694	16,000	28,850	
Assessment		6,775,605	6,508,143	
Miscellaneous	264,330	20,550	21,840	
Total Revenue	37,385,895	52,880,303	56,217,187	
Inter-Fund Adjustments	408,261	494,531	490,645	
Total	100,702,551	101,929,091	111,874,052	

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET

OUTLAY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
District Labor	$ 8,857,673	10,916,844	11,511,510	
Contract Services	10,873,193	46,234,003	50,482,210	
Land & Structures	10,960,297	3,478,066	5,556,100	
Equipment	403,475	684,590	858,177	
Subtotal	31,094,638	61,313,503	68,407,997	
Loans				
District	263,927	1,280,000	2,206,800	
Other		350,000		
Debt Service	6,439,231	6,239,433	5,899,928	
Inter-Fund Adjustment		494,531	516,145	
Total Expenditures	37,797,796	69,677,467	77,030,870	
Replacement Appropriation	3,425,470	3,266,648	3,280,617	
Major Facility Appropriation		3,055,102	2,540,200	
In-County Distribution System Approp.		21,342,498	23,680,096	
Inter-Fund Loan Appropriation	18,981	2,316,376	1,571,269	
Contingency Appropriation	1,578,600	2,271,000	3,771,000	
Total Appropriated	42,820,847	101,929,091	111,874,052	
Balance End of Year	57,881,704			
Total	$100,702,551	101,929,091	111,874,052	

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1982-83

REVENUE SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
Balance Beginning of Year	$1,920,520	700,000	17,950,000	1,500,000		27,470,700	4,600,000	1,025,000	55,166,220
Revenue Sources									
Property Taxes									
Secured	942,113	1,332,379	1,522,851	1,377,275	230,958	9,841,152	767,695		16,014,423
Unsecured	187,770	265,534	303,484	274,438	46,025	681,294	152,765		1,911,310
Delinquent	64,749	82,485	89,325	41,838	26,880	334,098	55,290		694,665
Interest	413,850	208,040	2,169,470	199,459		3,783,450	550,990	155,980	7,481,239
Agreements & Advances									
Loan					2,206,800				2,206,800
Property Rental	102,300		12,580	2,025	7,428				124,333
El Camino Hospital	92,842								92,842
NASA-Ames	707,942								707,942
Gavilan WCD					5,000	28,118			33,118
Loma Prieta R.C.D.					500				500
City of Gilroy					5,000	55,019			60,019
Other		3,323							3,323
Groundwater Charges						10,531,650			10,531,650
Surface Water Charges						140,000			140,000
Treated Water Sales						9,641,290			9,641,290
Reclaimed Water Sales						14,900			14,900
Sales of Assets								28,850	28,850
Assessment	1,046,956	1,685,075	2,020,637	1,432,858	322,617				6,508,143
Miscellaneous	200	200	200	200		10,000	11,040		21,840
Total Revenue	3,558,722	3,577,036	6,118,547	3,328,093	2,851,208	35,060,971	1,537,780	184,830	56,217,187
Inter-Fund Adjustment:									
Equipment W.C.F.								490,645	490,645
Land Use Review/Admin. Contribution	(150,859)	(212,573)	(241,716)	(213,430)	(38,572)		857,150		
Land Use Review/Admin. Reimbursement	148,589	175,233	192,536	187,493	153,299		(857,150)		
Total	$5,476,972	4,239,696	24,019,367	4,802,156	2,965,935	62,531,671	6,137,780	1,700,475	111,874,052

S4B1585a (06/21/82)

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1982-83

OUTLAY SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
District Labor	$ 832,962	679,904	1,082,618	898,267	758,586	6,196,498	754,411	308,264	11,511,510
Contract Services	3,348,665	2,110,293	21,548,989	3,146,516	1,123,792	18,705,320	170,385	328,250	50,482,210
Land & Structures	553,900	15,000	627,500	4,000	778,700	3,492,600	84,400		5,556,100
Equipment						277,075	316,102	265,000	858,177
Subtotal	4,735,527	2,805,197	23,259,107	4,048,783	2,661,078	28,671,493	1,325,298	901,514	68,407,997
Loans									
District							2,206,800		2,206,800
Debt Service	221,976	742,251				4,935,701			5,899,928
Inter-Fund Adjustment	46,223	60,570	71,593	67,688	22,933	202,749	34,413	9,976	516,145
Total Expenditures	5,003,726	3,608,018	23,330,700	4,116,471	2,684,011	33,809,943	3,566,511	911,490	77,030,870
Replacement Appropriation						2,541,632		738,985	3,280,617
Major Facilities Appropriation	463,246	621,678	588,667	585,685	280,924				2,540,200
In-County Distribution Sys. Approp.						23,680,096			23,680,096
Inter-Fund Loan Appropriation							1,571,269		1,571,269
Contingency Appropriation	10,000	10,000	100,000	100,000	1,000	2,500,000	1,000,000	50,000	3,771,000
Total Appropriated	5,476,972	4,239,696	24,019,367	4,802,156	2,965,935	62,531,671	6,137,780	1,700,475	111,874,052
Balance End of Year									
Total	$ 5,476,972	4,239,696	24,019,367	4,802,156	2,965,935	62,531,671	6,137,780	1,700,475	111,874,052

STATUS OF BONDED INDEBTEDNESS

	Total Amount Sold	Date of Issue	Interest Range	Outstanding as of 6/30/82	1982-83 Redemption Principal	1982-83 Redemption Interest	Total
Northwest Zone							
Series A	$ 2,625,000	1/1/57	3.50 to 5.00%	$ 625,000	100,000	20,125	120,125
Series B	2,304,000	7/1/58	1.50 to 5.00%	599,000	85,000	16,298	101,298
	4,929,000			1,224,000	185,000	36,423	221,423
North Central Zone							
Series A	4,000,000	1/1/64	.05 to 5.00%	2,210,000	150,000	66,340	216,340
Series B	5,000,000	7/1/65	.10 to 5.00%	2,890,000	175,000	85,201	260,201
Series C	3,750,000	8/1/73	.05 to 7.00%	3,245,000	80,000	183,858	263,858
	12,750,000			8,345,000	405,000	335,399	740,399
Water Utility							
Series A	15,500,000	1/1/64	3.60 to 5.00%	9,920,000	*	359,550	359,550
Series B	14,200,000	6/1/66	.05 to 5.00%	11,425,000	255,000	452,453	707,453
Series C	3,500,000	8/1/68	4.60 to 5.00%	2,945,000	*	138,882	138,882
Series D	8,850,000	3/1/72	2.50 to 7.00%	8,015,000	110,000	437,130	547,130
	42,050,000			32,305,000	365,000	1,388,015	1,753,015
Revenue Bonds							
Series A	2,000,000	6/1/78	4.60 to 6.60%	440,000	440,000	21,560	461,560
Series B	21,000,000	4/1/80	8.25 to 10.00%	20,330,000	370,000	1,911,795	2,281,795
	23,000,000			20,770,000	810,000	1,933,355	2,743,355
1972 Refunding	5,815,000	6/1/72	4.75%	290,000	290,000	13,775	303,775
SCVWCD-7th Issue	3,000,000	7/1/57	3.25 to 5.00%	120,000	120,000	2,250	122,250
Combined Total	$ 91,544,000			$63,054,000	2,175,000	3,709,217	5,884,217

* Was redeemed by Bank of America Escrow Agreement

FLOOD CONTROL ZONES

NORTHWEST

NORTH CENTRAL

CENTRAL

EAST

SOUTH



NORTHWEST ZONE



North West Zone: October, 1979

REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$ 4,684,932	2,934,177	1,920,520	
Revenue Sources				
Property Taxes	1,121,334	969,031	1,192,362	
Interest	576,916	643,950	413,850	
Agreements and Advances	87,540	956,300	903,084	
Assessment		1,183,450	1,046,956	
Other	28,124	100	200	
Total Revenue Sources	1,813,914	3,752,831	3,556,452	
Total Available	$ 6,498,846	6,687,008	5,476,972	

OUTLAY SUMMARY

	Approved 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 26,892	114,512	112,203	
Construction	1,411,138	5,135,874	3,854,684	
Maintenance	457,495	607,095	650,529	
Operations		116,324	118,079	
Administration	136,904	61,571	46,255	
Total Program Outlay	2,032,429	6,035,376	4,781,750	
Debt Service	234,958	228,468	221,976	
Major Facility Appropriation		413,164	463,246	
Contingency Appropriation		10,000	10,000	
Total Appropriated	2,267,387	6,687,008	5,476,972	
Balance End of Year	4,231,459			
Total	$ 6,498,846	6,687,008	5,476,972	

BACKGROUND INFORMATION

The Northwest Zone is defined by geographic boundaries encompassing the tributaries and watersheds of San Francisquito Creek, Matadero Creek, Barron Creek, Adobe Creek, Stevens Creek and Permanente Creek. Also included in this zone is Stevens Creek Reservoir. The geographic area includes the Cities of Palo Alto, Los Altos, Los Altos Hills and Mountain View and portions of Cupertino and Sunnyvale.

Planning Program

The funds budgeted in this program are to provide for the continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline Planning Study, continuation of the Districtwide waterways planning study and the Palo Alto Flood Basin Investigation. Planning projects are:

San Francisco Bay Shoreline Study — $3,292

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study — $32,836

This project continues into the second phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Emphasis will be on definition of erosion and sediment problems and the environmental setting.

Palo Alto Flood Basin — $76,075

The study will investigate the feasibility, benefit and order of implementation for construction of flood protection works on Adobe Creek, Barron Creek and the Palo Alto Flood Basin.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $3,854,684 includes the following projects:

Ordinance Construction — $6,865

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Adobe Creek — $188,010

This project consists of preparing the plans and specifications for the Adobe Creek channel between Louis Road and El Camino Real.

Permanente Creek $43,628

This project provides funds for purchase of an easement under the dedication policy.

San Francisquito Creek $60,819

This is a joint project with the City of Palo Alto for stabilization of the creek bank adjacent to Palo Alto Avenue. Construction and other related costs will be borne by the City and the District will provide and fund engineering and contract administration.

Stevens Creek $2,669,521

This project provides for completion of the remaining major portions of the project contemplated in the Planning Report dated September, 1980 - including completion of plans and specifications and construction between Highway 101 and Evelyn Avenue; completion of construction downstream of Highway 101 begun in 1981-82; and preparation of plans and specifications and construction at one site and follow-up right of way acquisition between Evelyn Avenue and Homestead Road. Construction of the major portion of the work between Evelyn Avenue and Homestead Road was completed in 1981-82. This project also provides for purchase of properties subject to potential bank failure near Diericx Drive.

Palo Alto Flood Basin $885,841

Preparation of plans and specifications and beginning of construction of floodwalls and levees around the basin.

Maintenance Program

Funds budgeted in this project provide for maintenance requirements within the Cost Center. The total amount of $650,529 budgeted in this program reflects the increase contemplated in the Benefit Assessment program. Funds are also included to cover the District's 20% share of costs of flood damages from the previous year. The S.C.S. will pay 80% of flood damage costs.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $118,079 includes the following projects:

Land Use Review $89,109

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services $28,970

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			89,109		89,109
Technical Services				28,970		28,970
San Francisco Bay Shoreline Study	3,292					3,292
Waterways Planning Study	16,928					16,928
Waterways Planning Study - Stage II	15,908					15,908
Insurance					15,745	15,745
Administrative Projects					30,510	30,510
Ordinance Construction		6,865				6,865
Adobe Creek		188,010				188,010
Permanente Creek		43,628				43,628
San Francisquito Creek		60,819				60,819
Stevens Creek		2,669,521				2,669,521
Palo Alto Flood Basin	76,075	885,841				961,916
Northwest Zone - Maintenance			650,529			650,529
Total	$112,203	3,854,684	650,529	118,079	46,255	4,781,750



NORTH CENTRAL ZONE



North Central Zone: January, 1982

REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$ 3,630,808	418,008	700,000	
Revenue Sources				
Property Taxes	1,984,724	1,305,894	1,643,058	
Interest	436,704	527,310	208,040	
Agreements and Advances	3,118	3,100	3,323	
Assessment		1,653,607	1,685,075	
Other	26,300	100	200	
Total Revenue Sources	2,450,846	3,490,011	3,539,696	
Total Available	$ 6,081,654	3,908,019	4,239,696	

OUTLAY SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 59,661	193,267	70,242	
Construction	691,972	1,222,407	1,623,137	
Maintenance	650,333	808,155	975,103	
Operations		144,626	147,763	
Administration	177,911	71,588	49,522	
Total Program Outlay	1,579,877	2,440,043	2,865,767	
Debt Service	732,912	738,021	742,251	
Major Facility Appropriation		719,955	621,678	
Contingency Appropriation		10,000	10,000	
Total Appropriated	2,312,789	3,908,019	4,239,696	
Balance End of Year	3,768,865			
Total	$ 6,081,654	3,908,019	4,239,696	

BACKGROUND INFORMATION

The North Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe Slough, Sunnyvale West Outfall, Sunnyvale East Outfall, Calabazas Creek, San Tomas Aquino Creek and Saratoga Creek. The geographic area includes the City of Saratoga and portions of the Cities of Sunnyvale, Santa Clara, Campbell, Cupertino, Monte Sereno, San Jose and the Town of Los Gatos.

Planning Program

The funds budgeted in this program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline Study, continuation of the Districtwide Waterways Planning Study and planning studies on Saratoga Creek and Guadalupe Slough. Planning projects are:

San Francisco Bay Shoreline Study — $3,292

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study — $32,836

This project continues into the second phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Emphasis will be on definition of erosion and sediment problems and the environmental setting.

Saratoga Creek — $25,924

This project provides funds for completion of the Engineer's Report/EIR for the reach from Lawrence Expressway to Cabrillo Avenue. The City of Santa Clara recommended the gabion channel alternative to deal with erosion and flood problems within that area.

Guadalupe Slough — $8,190

This study will investigate the need for maintenance on the Guadalupe Slough levees from Calabazas retarding basin to San Francisco Bay.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $1,623,137 includes the following projects:

Ordinance Construction — $11,783

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Calabazas Creek — $163,559

This project provides for completion of construction of culvert enlargements at Pomeroy Avenue, Benton Street and Lawrence Expressway that began in 1981-82.

San Tomas Aquino Creek $56,710

This project provides for completion of construction between Saratoga Creek and Bayshore Freeway that began in 1980-81.

Saratoga Creek $1,391,085

This project provides funds for beginning of the preparation of plans and specifications and a portion of the construction of measures between Lawrence Expressway and Cabrillo Avenue.

Maintenance Program

Funds budgeted in this program provide for normal maintenance requirements within the Cost Center. The total amount of $975,103 budgeted in this program reflects the increase contemplated in the Benefit Assessment program. Funds are to provide significant maintenance of the Guadalupe Slough per agreement with Leslie Salt.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budget amount of $147,763 includes the following projects:

Land Use Review $110,875

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services $36,888

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			110,875		110,875
Technical Services				36,888		36,888
San Francisco Bay Shoreline Study	3,292					3,292
Waterways Planning Study	16,928					16,928
Waterways Planning Study - Stage II	15,908					15,908
Insurance					22,052	22,052
Administrative Projects					27,470	27,470
Ordinance Construction		11,783				11,783
Calabazas Creek		163,559				163,559
San Tomas Aquino Creek		56,710				56,710
Saratoga Creek	25,924	1,391,085				1,417,009
Guadalupe Slough	8,190		109,007			117,197
North Central Zone - Maintenance			866,096			866,096
Total	$ 70,242	1,623,137	975,103	147,763	49,522	2,865,767



CENTRAL ZONE



Central Zone: April, 1982

REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$14,029,503	14,629,059	17,950,000	
Revenue Sources				
Property Taxes	1,383,128	1,492,147	1,866,480	
Interest	1,952,939	2,045,285	2,169,470	
Agreements and Advances		160,340	12,580	
Assessment		2,053,645	2,020,637	
Other	144,431	100	200	
Total Revenue Sources	3,480,498	5,751,517	6,069,367	
Total Available	$17,510,001	20,380,576	24,019,367	

OUTLAY SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 52,461	294,195	271,437	
Construction	2,154,424	18,352,857	22,154,380	
Maintenance	321,656	708,095	702,272	
Operations		160,890	163,645	
Administration	187,104	49,298	38,966	
Total Program Outlay	2,715,645	19,565,335	23,330,700	
Debt Service				
Major Facility Appropriation		715,241	588,667	
Contingency Appropriation	100,000	100,000	100,000	
Total Appropriated	2,815,645	20,380,576	24,019,367	
Balance End of Year	14,694,356			
Total	$17,510,001	20,380,576	24,019,367	

BACKGROUND INFORMATION

The Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe River. The major tributaries are Los Gatos Creek, Canoas Creek, Ross Creek, Guadalupe Creek and Alamitos Creek. Also included in this zone are Calero, Almaden, Guadalupe, Lexington and Vasona Reservoirs. The geographic area includes portions of the Cities of Santa Clara, San Jose, Campbell, Monte Sereno and the Town of Los Gatos.

Funds budgeted in the program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline and Guadalupe River studies, continuation of the Districtwide Waterways Planning Study and planning studies on Guadalupe River, Los Gatos and Ross Creeks. Planning projects are:

Guadalupe River Corps of Engineers Study $18,395

This project provides District support for the Corps of Engineers' study on Guadalupe River and Adjacent Streams.

San Francisco Bay Shoreline Study $3,292

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study $34,458

This project continues into the second phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Emphasis will be on definition of erosion and sediment problems and the environmental setting.

Levee Material Investigation $14,232

This project provides funds to evaluate the feasibility of acquiring baylands property for excavating material to build levees.

Guadalupe River $80,830

An Engineer's Report will be prepared for bridge modifications at Hedding Street. This study will also include a reassessment of the District's position and preparation of a new plan of action, since the Corps involvement is limited. The study will review alternative flood protection projects on the Guadalupe River and a ring levee around Alviso.

Los Gatos Creek $99,956

A Planning Study will begin for the reach between the Guadalupe River confluence and Vasona Dam.

Ross Creek $20,274

This project is to analyze and find solutions for flooding problems on the creek from the confluence of Guadalupe River to Blossom Hill Road.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $22,154,380 includes the following projects:

Ordinance Construction — $18,392

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Alamitos Creek — $326,779

This project consists of replacement of the Graystone Lane Bridge as a cooperative project with the City of San Jose and Santa Clara County, and preparation of plans and specifications for, and installation of, revegetation of the creek and Almaden Pipeline projects.

Guadalupe River — $21,789,422

This project provides for preparation of plans and specifications and beginning construction for the lengthening of the Hedding Street bridge; for advance right of way acquisition and local share of construction costs for the U. S. Corps of Engineers project between Highway 17 and Park Avenue; for completion of plans and specifications and construction between Highway 101 and the county marina in Alviso; and for completion of construction at Coleman Avenue begun in 1981-82. Also included is design and construction of several erosion repairs from January 1982 storms.

Ross Creek — $19,787

This project provides funds for completion of construction of the culvert enlargement at Cherry Avenue begun in 1981-82.

Maintenance Program

Funds budgeted in this program provide for maintenance requirements within the Cost Center. The budgeted amount of $702,272 reflects the increase contemplated in the Benefit Assessment program. Funds are included to repair and strengthen the levee along Guadalupe River in the Alviso area.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $163,645 includes the following projects:

Land Use Review — $122,351

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services — $41,294

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Guadalupe River C of E Study	$ 18,395					18,395
Land Use Review				122,351		122,351
Technical Services				41,294		41,294
San Francisco Bay Shoreline Study	3,292					3,292
Waterways Planning Study	16,928					16,928
Waterways Planning Study - Stage II	17,530					17,530
Levee Material Investigation	14,232					14,232
Insurance					10,075	10,075
Administrative Projects					28,891	28,891
Ordinance Construction		18,392				18,392
Alamitos Creek		326,779				326,779
Guadalupe River	80,830	21,789,422				21,870,252
Los Gatos Creek	99,956					99,956
Ross Creek	20,274	19,787				40,061
Central Zone - Maintenance			702,272			702,272
Total	$271,437	22,154,380	702,272	163,645	38,966	23,330,700



EAST ZONE



East Zone: April, 1982

REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$1,788,528	1,426,612	1,500,000	
Revenue Sources				
Property Taxes	1,268,466	1,349,663	1,667,614	
Interest	190,267	178,828	199,459	
Agreements and Advances		8,300	2,025	
Assessment		1,526,503	1,432,858	
Other	19,610		200	
Total Revenue Sources	1,478,343	3,063,294	3,302,156	
Total Available	$3,266,871	4,489,906	4,802,156	

OUTLAY SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 127,156	202,042	211,403	
Construction	1,164,218	1,716,052	2,949,543	
Maintenance	348,844	805,047	755,433	
Operations		177,988	161,110	
Administration	198,966	52,163	38,982	
Total Program Outlay	1,839,184	2,953,292	4,116,471	
Loan		350,000 *		
Major Facility Appropriation		1,086,614	585,685	
Contingency Appropriation	100,000	100,000	100,000	
Total Appropriated	1,939,184	4,489,906	4,802,156	
Balance End of Year	1,327,687			
Total	$3,266,871	4,489,906	4,802,156	

BACKGROUND INFORMATION

The East Zone is defined by geographic boundaries encompassing the tributaries and watersheds of Coyote Creek. The major tributaries are Lower Penitencia Creek, Scott Creek, Berryessa Creek, Upper Penitencia Creek, Silver Creek, Thompson Creek, Fisher Creek and Packwood Creek. Also included in this zone are Anderson and Coyote Reservoirs. The geographic area includes the City of Milpitas and portions of the Cities of San Jose and Morgan Hill.

* Loan repayment of $350,000: City of San Jose/Silver Creek

Funds budgeted in the program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline, Berryessa, Coyote Creek studies, the Soil Conservation Service Silver Creek Study, the Waterways Planning Study and planning studies on Upper Penitencia Creek. Planning projects are:

San Francisco Bay Shoreline Study $3,304

This study will provide for liaison with a proposed Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study $52,339

This project is the completion of the second phase of the Waterways Planning Study.

Berryessa Creek $9,520

This project provides for the nonreimbursable coordination and liaison work on the proposed Berryessa Creek Section 205 Small Flood Control Project by the Corps of Engineers.

Coyote Creek $41,324

This provides for a planning study to address needed modifications to the Fontanoso Bridge.

Silver Creek - Lower $13,937

This project provides for the nonreimbursable coordination and liaison work on the proposed Lower Silver Creek Watershed Project. The Soil Conservation Service is conducting the Watershed Planning Study.

Penitencia Creek - Upper $87,347

An Engineer's Report for a flood protection project from Coyote Creek to Dorel Drive will be prepared.

Penitencia Creek - Lower $3,632

This project provides funds to complete the Engineer's Report and Environmental Impact Report to provide a solution to flood and erosion problems.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement of the life or value of existing physical assets. The budgeted amount of $2,949,543 includes the following projects:

Ordinance Construction — $58,401

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Coyote Creek — $94,540

This provides for plans and specifications for modifications to the Fontanoso Avenue bridge in conjunction with a proposed cost-sharing agreement with the City of San Jose.

Silver Creek - Lower — $303,151

Completion of plans and specifications and funds for the District's share of the cost of enlargement of the box culvert at King and McKee Roads; a $150,000 set aside for future local costs on the Federal Soil Conservation Service project; and $76,000 for the District's share of the completed bridge widening at San Antonio Street.

Penitencia Creek - Lower — $2,481,807

Preparation of plans and specifications and beginning construction near Highway 17 and between Berryessa Creek and Elmwood Rehabilitation Center.

Thompson Creek — $11,644

This project provides for completion of establishment for plant materials from Quimby Creek to future Tully Road that were installed in 1981-82.

Maintenance Program

Funds budgeted in this program provide for maintenance requirements within the Cost Center. The total amount of $755,433 budgeted in this program reflects the increase comtemplated in the Benefit Assessment program. Funds are included for Coyote Creek repairs in the area between Highway 237 and Montague Expressway.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $161,110 includes the following projects:

Land Use Review — $127,803

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services — $33,307

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			127,803		127,803
Technical Services				33,307		33,307
San Francisco Bay Shoreline Study	3,304					3,304
Waterways Planning Study	16,928					16,928
Waterways Planning Study - Phase II	35,411					35,411
Insurance					12,599	12,599
Administrative Projects					26,383	26,383
Ordinance Construction		58,401				58,401
Berryessa Creek	9,520					9,520
Coyote Creek	41,324	94,540				135,864
Silver Creek - Lower	13,937	303,151				317,088
Penitencia Creek - Upper	87,347					87,347
Penitencia Creek - Lower	3,632	2,481,807				2,485,439
Thompson Creek		11,644				11,644
East Zone - Maintenance			755,433			755,433
Total	$211,403	2,949,543	755,433	161,110	38,982	4,116,471



SOUTH ZONE



South Zone: January, 1982

REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$ 0	39	0	
Revenue Sources				
Property Taxes	224,223	372,226	418,590	
Interest				
Agreements and Advances	263,927	19,228	17,928	
Assessment		358,400	322,617	
Other	35,457	1,280,000	2,206,800	
Total Revenue Sources	523,607	2,029,854	2,965,935	
Total Available	$ 523,607	2,029,893	2,965,935	

OUTLAY SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 178,165	95,870	33,927	
Construction	81,370	1,329,517	2,122,005	
Maintenance	100,522	298,820	365,332	
Operations		136,996	129,757	
Administration	154,195	47,562	32,990	
Total Program Outlay	$ 514,252	1,908,765	2,684,011	
Debt Service				
Major Facility Appropriation		120,128	280,924	
Contingency Appropriation	1,000	1,000	1,000	
Total Appropriated	$ 515,252	2,029,893	2,965,935	
Balance End of Year	8,355			
Total	$ 523,607	2,029,893	2,965,935	

BACKGROUND INFORMATION

The South Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Pajaro River in Santa Clara County. The major tributaries are Little Llagas Creek, Llagas Creek, West Branch of the Llagas Creek, Uvas-Carnadero Creek, Pescadero Creek and Pacheco Creek. The zone includes the City of Gilroy and portions of the Cities of San Jose and Morgan Hill.

Planning Program

Funds budgeted in this program provide for continuation of coordination with the Corps of Engineers on the Pajaro River project, the Tennant-Corralitos Creeks and continuation of the Waterways Planning Study. Planning projects are:

Pajaro River, Corps of Engineers' Study — $9,203

This project provides for the liaison with the Corps of Engineers in their study of the Upper Pajaro River Basin, particularly the Uvas-Carnadero Creek area.

Waterways Planning Study — $16,960

This project continues the Waterways Planning Study.

Tennant-Corralitos Creeks — $7,764

This study will investigate possible interim drainage measures on Tennant-Corralitos Creeks.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $2,122,005 is required for the following projects:

Ordinance Construction — $16,675

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Uvas-Carnadero Creek — $50,951

This project provides funds for advance right of way activities.

Upper Llagas Creek Watershed Project — $122,193

This project provides payment for reimbursable items relating to right of way acquisition, and relocation of bridges and utilities on this project.

Lower Llagas Creek Watershed Project $1,932,186

This project provides for advancing a portion of the reimbursable land acquisition costs in Reach 2, design of: bridges at Bloomfield Road, Luchessa Avenue, Pacheco Pass Highway, Leavesly Road and Gilman Road, and the construction of: make-up sewer ponds near Reach 2, bridges at Bloomfield Road, Luchessa Avenue, Leavesly Road and Gilman Road.

Maintenance Program

Funds budgeted in this program provide for the maintenance requirements within the Cost Center including special fire prevention measures in the Upper Llagas Creek Watershed. The budgeted amount of $365,332 reflects the increase contemplated in the Benefit Assessment program. Funds are included to cover the District's 20% share of the flood damage repair work to be paid primarily by S.C.S.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $129,757 includes the following projects:

Land Use Review $112,801

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services $16,956

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			112,801		112,801
Technical Services				16,956		16,956
Pajaro River C of E Study	9,203					9,203
Waterways Planning Study	16,960					16,960
Insurance					9,448	9,448
Administrative Projects					23,542	23,542
Ordinance Construction		16,675				16,675
Uvas-Carnadero Creek		50,951				50,951
Tennant Creek	7,764					7,764
Upper Llagas Ck Watershed Project		122,193				122,193
Lower Llagas Ck Watershed Project		1,932,186				1,932,186
Public Law 566 (Upper)			26,616			26,616
South Zone - Maintenance			338,716			338,716
Total	$ 33,927	2,122,005	365,332	129,757	32,990	2,684,011

WATER UTILITY

SOURCE OF SUPPLY

RAW WATER TRANSMISSION & DISTRIBUTION

WATER TREATMENT

TREATED WATER TRANSMISSION & DISTRIBUTION

ADMINISTRATION AND GENERAL

The Water Utility is operated on an Enterprise Fund Basis. Revenue is derived from water sales and from ad valorem taxes allocated by the County Controller as provided by law. A portion of the ad valorem tax is refunded by the District directly to the Cities of Palo Alto, Mountain View, Sunnyvale, Milpitas, Santa Clara, San Jose and to Stanford University and the Purissima Hills Water District. Each of these entities purchase imported water from the City and County of San Francisco's Hetch Hetchy Water Supply System.

A $56,000,000 Revenue Bond issue was approved by the voters in May 1977. $23,000,000 of the authorization has been sold to date.

The major sources of water supply income are from charges levied on all groundwater extracted within Zone W-2 of the District and from the sale of approximately 71,000 acre-feet of treated water. Groundwater production for this fiscal year is estimated to be 142,500 acre-feet for nonagricultural purposes and 9,100 acre-feet for use by agriculture. Other water charges will be made for surface water diversion and the sale of reclaimed water in the Gilroy area approximating 3,500 acre-feet.

The water zones within the Water Utility Enterprise and a brief description of each follows:

Zone W-2 This zone encompasses the Santa Clara Valley Groundwater Basin north of Metcalf Road. It includes those groundwater producing facilities that benefit from the recharge of the basin with local and imported water. A charge is levied for all groundwater extracted within this zone.

Zone W-3 This zone encompasses the land within the Coyote and Llagas Groundwater Basins in the area of Metcalf Road on the north to just south of the City of Morgan Hill. Part of the Countywide property tax within the one percent limit is allocated to this zone. Sub-zones identified as W-3.1, 3.2, 3.3 and 3.5 are local areas within the total Zone W-3 and groundwater charges are levied for water extracted within these areas.

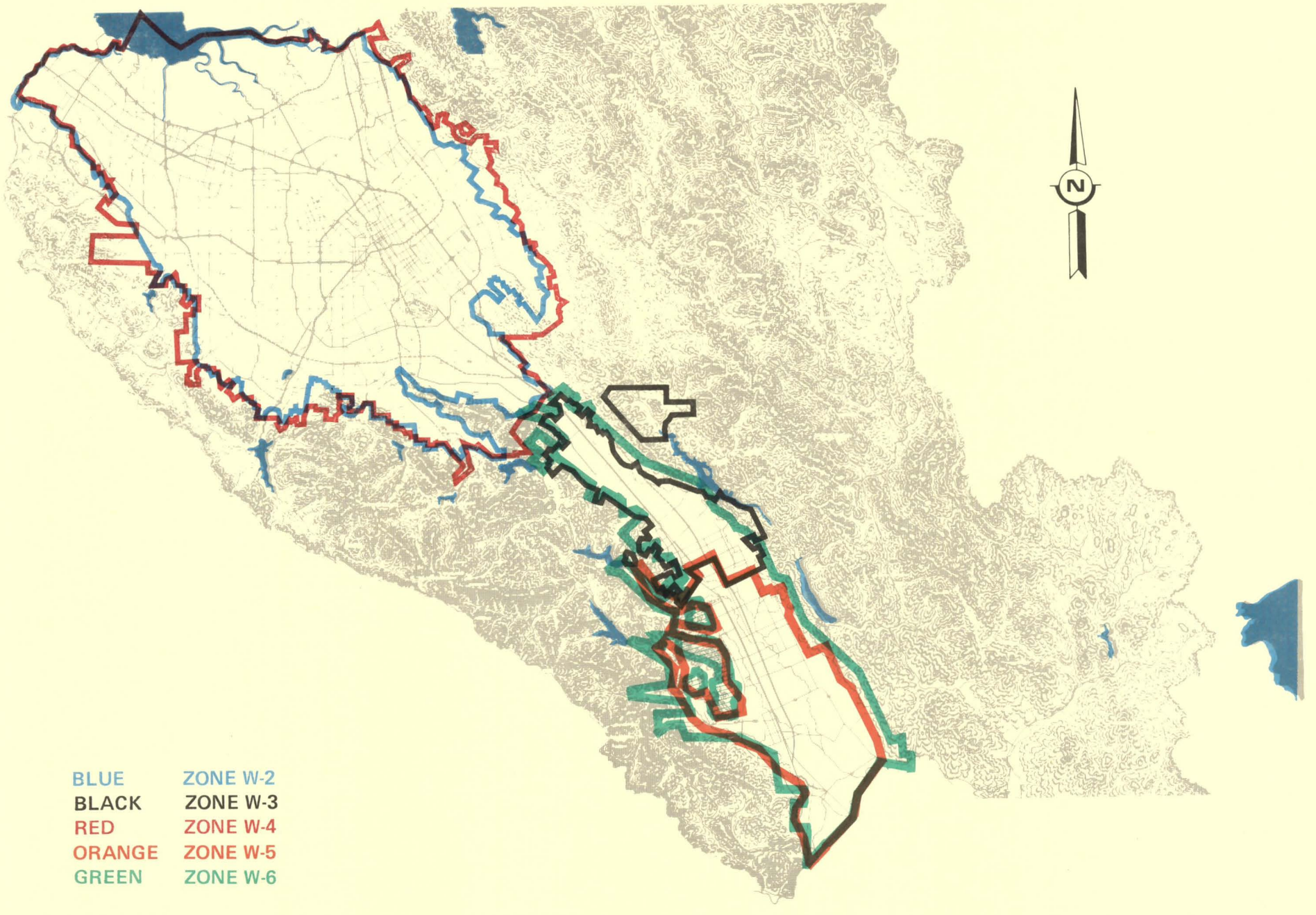
Zone W-4 This zone contains all of Zone W-2 and lands outside Zone W-2 that use or otherwise benefit from locally conserved water and from the importation and distribution of water from the South Bay Aqueduct. This area also receives an allocation of the Countywide tax levied which is used to pay for the cost of water to recover the accumulated overdraft, control land surface subsidence and sustain the emergency supply of water.

Zone W-5 This zone is comprised of the entire groundwater basin from Metcalf Road south to the Pajaro River. For the year 1982-83 no groundwater extraction charge will be levied and the requirement for filing production statements has been waived.

Zone W-6 This zone is comprised of the area of the Gavilan Water Conservation District. For 1982-83 no groundwater extraction charge will be levied and the requirement for filing water production statements has been waived.

Under uniform accounting practices adopted by the State, it is necessary to divide expenditures of the Water Utility Enterprise into various categories called cost centers. These cost centers are Source of Supply, Raw Water Transmission and Distribution, Water Treatment, Treated Water Transmission and Distribution, and Administration and General. Appropriations for each of these cost centers are shown separately.

WATER UTILITY ZONES



REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$32,572,076	23,387,681	27,470,700	
Revenue Sources				
Property Taxes	7,168,172	8,849,326	10,856,544	
Interest	4,787,404	4,346,819	3,783,450	
Agreements and Advances	300,320	771,457	83,137	
Groundwater Charges	7,027,389	10,312,512	10,531,650	
Surface Water Charges	120,138	120,000	140,000	
Reclaimed Water Sales	6,871	10,387	14,900	
Treated Water Sales	6,531,350	8,724,923	9,641,290	
Miscellaneous	125,267	10,000	10,000	
Total Revenue Sources	26,066,911	33,145,424	35,060,971	
Total Available	58,638,987	56,533,105	62,531,671	

OUTLAY SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 723,972	1,170,780	1,180,465	
Construction	10,123,685	14,030,545	15,236,942	
Maintenance	1,862,213	2,230,341	2,574,827	
Operations	6,807,589	8,185,555	9,051,900	
Administration	1,056,205	999,872	830,108	
Total Program Outlay	20,573,664	26,617,093	28,874,242	
Debt Service	5,471,361	5,272,944	4,935,701	
Replacement Appropriation	2,081,422	2,300,570	2,541,632	
In-County Distribution System Approp		21,342,498	23,680,096	
Contingency Appropriation	327,600	1,000,000	2,500,000	
Total Appropriated	28,454,047	56,533,105	62,531,671	
Balance End of Year	30,184,940			
Total	$58,638,987	56,533,105	62,531,671	

COST CENTER EXPENDITURE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Source of Supply	$ 6,848,545	8,357,328	8,504,779	
Raw Water T&D	8,866,962	11,923,500	12,901,862	
Water Treatment	3,428,128	3,940,496	4,931,033	
Treated Water T&D	462,527	1,474,292	1,519,065	
Administration & General	967,502	921,477	1,017,503	
Total	20,573,664	26,617,093	28,874,242	

PROGRAM EXPENDITURE SUMMARY

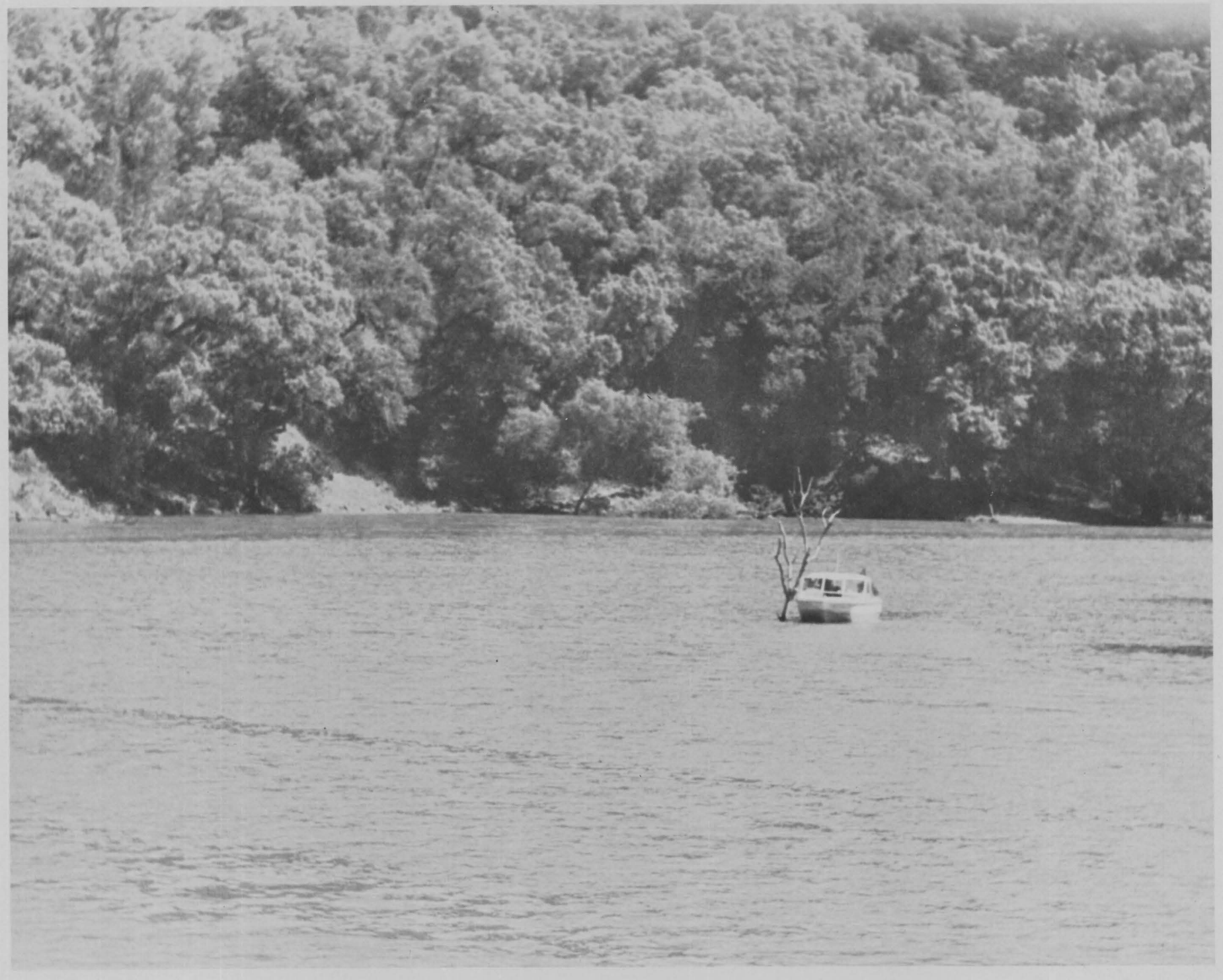
	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 723,972	1,170,780	1,180,465	
Construction	10,123,685	14,030,545	15,236,942	
Maintenance	1,862,213	2,230,341	2,574,827	
Operations	6,807,589	8,185,555	9,051,900	
Administration	1,056,205	999,872	830,108	
Total	20,573,664	26,617,093	28,874,242	

WATER UTILITY RATE SUMMARY

	1979-80	1980-81	1981-82	1982-83
Groundwater				
Agricultural	$ 11.00	13.50	17.50	18.75
Nonagricultural	44.00	54.00	70.00	75.00
Treated Water				
Contract (Scheduled)	85.00	95.00	130.00	140.00
Non-Contract	60.00	70.00	86.00	100.00
Untreated Water				
Agricultural	11.00	13.50	17.50	18.75
Nonagricultural	44.00	54.00	70.00	75.00
Water Master	6.50	6.50	7.00	8.00
Power (Evergreen System)	19.00	19.00	28.00	33.00
Power (Half Road/Coyote Madrone System)	10.00	10.00	10.00	
Minimum Charge	33.00	39.00	49.00	53.00
Capital Cost (Half Road/Coyote Madrone System)	2.75	2.75	2.75	2.75
Reclaimed Water				
Palo Alto Reclamation Facility				
Basic User Charge				
Agricultural	11.00	13.50	17.50	18.75
Nonagricultural	44.00	54.00	70.00	75.00
Water Master Service Charge	6.50	6.50	7.00	8.00
Power Charge	2.00	2.00	4.00	4.00
Gilroy Reclamation Facility				
Agricultural	10.00	10.00	20.00	20.00
Nonagricultural	40.00	40.00	80.00	80.00

WATER UTILITY TAX REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Water Fund				
Secured	$1,669,066	2,004,114	2,284,690	
Unsecured	345,459	195,838	454,630	
Delinquent	99,097	131,400	149,790	
Total	2,113,622	2,331,352	2,889,110	
Zone W-3				
Secured	63,745	73,612	82,446	
Unsecured	12,693	7,193	16,406	
Delinquent	3,742	9,400	10,528	
Total	80,180	90,205	109,380	
Zone W-4				
Secured	403,703	486,039	554,084	
Unsecured	83,779	47,495	110,258	
Delinquent	23,984	27,000	30,780	
Total	511,466	560,534	695,122	
State Water Project				
Secured	1,923,235	3,625,000	5,025,000	
Unsecured	17,207	51,397	50,000	
Delinquent	37,592		25,000	
Total	1,978,034	3,676,397	5,100,000	
Debt Service				
W-1, Secured	2,148,368	2,048,250	1,894,932	
W-1, Unsecured	43,509	55,342	50,000	
W-1, Delinquent	116,488		118,000	
SCVWCD, Secured	170,125	87,206		
SCVWCD, Unsecured	25	40		
SCVWCD, Delinquent	6,355			
Total	2,484,870	2,190,838	2,062,932	
TOTAL ALL FUNDS	$ 7,168,172	8,849,326	10,856,544	



SOURCE OF SUPPLY

BACKGROUND INFORMATION

The Source of Supply Cost Center is the first of five cost centers which make up the Water Utility Enterprise. The budget for this Cost Center contains all of the anticipated expenditures relating to obtaining and producing a supply of water including all conservation, reclamation and importation costs.

SUMMARY BY PROGRAM

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 158,223	354,809	397,178	
Construction	1,900,572	2,387,348	2,505,234	
Maintenance	446,128	522,155	574,961	
Operations	3,539,987	4,344,853	4,387,955	
Administration	803,635	748,163	639,451	
	$6,848,545	8,357,328	8,504,779	

Planning Program

Funds budgeted in this program provide for various planning activities, preparation of hearing plans and environmental reports. The budgeted amount of $397,178 reflects an increase of $42,369 compared to the previous year. Planning projects are:

Saltwater Intrusion Study — $98,220

Wells in the bayfront area that have been incorrectly sealed or constructed contribute to the spread of saltwater contamination. This project includes locating and sealing defective wells and continued monitoring of intrusion.

Hydroelectric Study — $59,054

This project provides funds for pursuing the Federal Energy Regulatory Commission License Application Process for hydroelectric generation at seven District reservoirs, for performing necessary environmental studies and for evaluating hydroelectric potential on District pipelines.

Federal Water Project $32,769

This project will provide for performance of operation studies for the Pacheco and Coyote Pump Stations and the determination of the communications and control equipment required for the San Felipe Division, CVP.

Anderson Dam and Reservoir $152,579

This project provides funds for preliminary design and model testing of an enlarged spillway required by the State Division of Safety of Dams.

Calero Dam and Reservoir $54,556

This project provides the funds to prepare an Environmental Impact Statement and respond to comments on the predesign report in support of an application to the U.S. Bureau of Reclamation for loans and grants to enlarge the dam and reservoir.

Construction Program

This program provides funds for the acquisition and construction of new physical assets or the substantial improvements to the life or value of existing physical assets. The budgeted amount of $2,505,234 includes the following projects:

State Water Project $2,400,000

This project provides funds for payment to the State of California for the capitalized portion of imported water costs for the State Water Project. The balance of the funds are budgeted in the Operations Program.

Water Reclamation Facility - Palo Alto $840

This project provides contract administration for liaison with Environmental Protection Agency and State Water Resources Control Board regarding finalization of the project and the final grant audit.

Small Equipment Replacement $7,500

This project provides for the replacement of equipment in this Cost Center which is not covered by the Replacement Appropriation.

Stevens Creek Dam and Reservoir $53,455

This project provides for the installation of a remote control valve operation system to regulate water releases from the reservoir.

Vasona Dam and Reservoir $43,439

This project provides for completion of the installation of a remote control valve operation system that will allow control of releases of water at Vasona from Rinconada Water Treatment Plant.

Maintenance Program

Funds budgeted in this program show an increase of $52,806 compared to the preceding year. Funds are for maintenance of the reclamation facility at Palo Alto, monitoring the deformation of the Coyote Dam Spillway, determining the best alternative and estimated cost to bring Stevens Creek Dam into compliance with current earthquake standards, and other maintenance requirements within the Cost Center. It also includes updating and/or preparation of as-built drawings for facilities in this Cost Center.

Operations Program

The funds budgeted in this program are for Land Use Review, Land Ownership Management, the inspection and operation of the District's dams and reservoirs, weather modification, the operation of the water reclamation facilities at Palo Alto and Gilroy and the purchase of water from the State Water Project. Funds budgeted in this program show an increase of $43,102 compared to the preceding year.

Administration Program

Significant projects within this program include In-County Credit, Water Reclamation, State Water Project, and the Federal Water Project. The budget for fiscal 1982-83 reflects a decrease of $108,712 compared to the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			105,391		105,391
Technical Services				6,695		6,695
Saltwater Intrusion Study	98,220					98,220
Hydroelectric Study	59,054					59,054
Insurance					12,621	12,621
Administrative Projects					17,905	17,905
In-County Credit					294,310	294,310
Dams & Reservoirs - General			4,629			4,629
Water Reclamation Fac. - Gilroy				100,132	62,500	162,632
Water Rights					27,890	27,890
State Water Project		2,400,000		3,900,000	80,691	6,380,691
Federal Water Project	32,769				128,619	161,388
Water Conservation Project					13,350	13,350
Water Reclam. Fac. - Palo Alto		840	138,149	137,022		276,011
Hetch Hetchy Water Project					1,565	1,565
Weather Modification				26,314		26,314
Small Equipment Replacement		7,500				7,500
Source of Supply - Maintenance			202,537	112,401		314,938
As-Built Drawings			3,850			3,850
Anderson Dam & Reservoir	152,579					152,579
Calero Dam & Reservoir	54,556					54,556
Coyote Dam & Reservoir			7,088			7,088
Stevens Creek Dam & Reservoir		53,455	218,708			272,163
Vasona Dam & Reservoir		43,439				43,439
Total	$ 397,178	2,505,234	574,961	4,387,955	639,451	8,504,779



BACKGROUND INFORMATION

The Raw Water Transmission and Distribution Cost Center is the second of five cost centers within the Water Utility Enterprise. This Cost Center contains all expenditures relating to the distribution of raw water. The distribution system consists of pipelines, canals and percolation ponds and includes the use of creek systems.

SUMMARY BY PROGRAM

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 74,598	85,273	65,350	
Construction	7,327,791	10,108,543	10,946,644	
Maintenance	741,129	749,409	840,627	
Operations	671,803	956,432	1,033,668	
Administration	51,641	23,843	15,573	
	$8,866,962	11,923,500	12,901,862	

Planning Program

Funds budgeted in this program are for the various system analyses in this Cost Center. The $65,350 budgeted reflects a $19,923 decrease over the preceding year.

Coyote-Alamitos Canal — $17,602

This project is for the investigation of the feasibility of abandoning this canal and formulating a recommendation for formal approval.

Evergreen Distribution System — $17,521

This project is work to define and possibly design a system that will deliver treated water from the East Pipeline to persons presently served by Raw Water deliveries from Anderson Reservoir via the system.

Los Capitancillos Percolation System — $12,625

This project consists of preparing an Engineer's report on improvements to the Masson Dam diversion structure located on Guadalupe Creek.

Vasona Distribution System $17,602

This project is for the investigation of the feasibility of abandoning this system and formulating a recommendation for formal approval.

Construction Program

This program provides for the acquisition or construction of new physical assets or the substantial improvements to the life or value of existing physical assets. The budgeted amount of $10,946,644 includes the following projects:

Raw Water Distribution - General $75,446

This provides for continuation of a hydraulic transient analysis of the District's existing and proposed raw water distribution system that considers the impact of the interconnection of South Bay Aqueduct and San Felipe Project facilities.

Central Pipeline $24,300

This provides for new digital telemetry equipment on the turnouts replacing the analog tone telemetry as part of the approved long range upgrades to the system.

Vasona Pump Station $237,834

This provides for completion of the design and installation of the monitoring and control system at the Vasona Pump Station to remotely regulate the flow of water to and from Calero Reservoir and the Central Pipeline.

Almaden Valley Pipeline $536,612

This provides for completion of construction of the Almaden Pipeline from Calero Reservoir to the existing Almaden Valley Pipeline. It also includes the installation of remote telemetry stations and remote control valve operation systems to control releases from the pipeline and design and plans for the revegetation of Alamitos Creek. Also included is the installation of a buried communications cable to link the Rinconada Plant with the Pacheco Pumping Plant.

Cross Valley Pipeline $7,336,955

This is the second major project in this Cost Center necessary to transport water from the San Felipe Project. The Cross Valley Pipeline will transport water from the proposed Coyote Pump Station at the base of Anderson Dam to Calero Reservoir. This will provide funds for the construction of the reach from South Valley Freeway alignment to San Bruno Avenue and the construction of the reach from San Bruno Avenue to Calero Reservoir. This project will continue into 1983-84.

Anderson Force Main $598,359

This provides for design and preparation of plans and specifications for the pipeline designed to connect the Cross Valley Pipeline to Anderson Reservoir.

Stevens Creek Pipeline Control System $62,594

This project provides funds to complete the installation of a remote control operation system to regulate water releases from the Calabazas Creek Turnout and a new digital telemetry system to be installed on the raw water turnouts.

Almaden-Calero Canal $67,333

This provides funds for the installation of a remote control valve to regulate raw water releases from Almaden Reservoir.

Small Equipment Replacement $5,000

This project provides for the replacement of equipment which is not covered by the Replacement Appropriation.

Maple Avenue Recharge Facility $2,002,211

This project provides for the purchase of lands for recharge facilities in the Llagas Subbasin and an analysis of a groundwater surveillance system of this basin.

Maintenance Program

Funds budgeted in this program reflect a $91,218 increase compared to the preceding year. It is estimated that almost 1,200 more hours will be required by District personnel to perform the normal maintenance work because of expansion of facilities in this Cost Center. Also a seismic evaluation will be made to determine functional capability to continue operation during and after an earthquake.

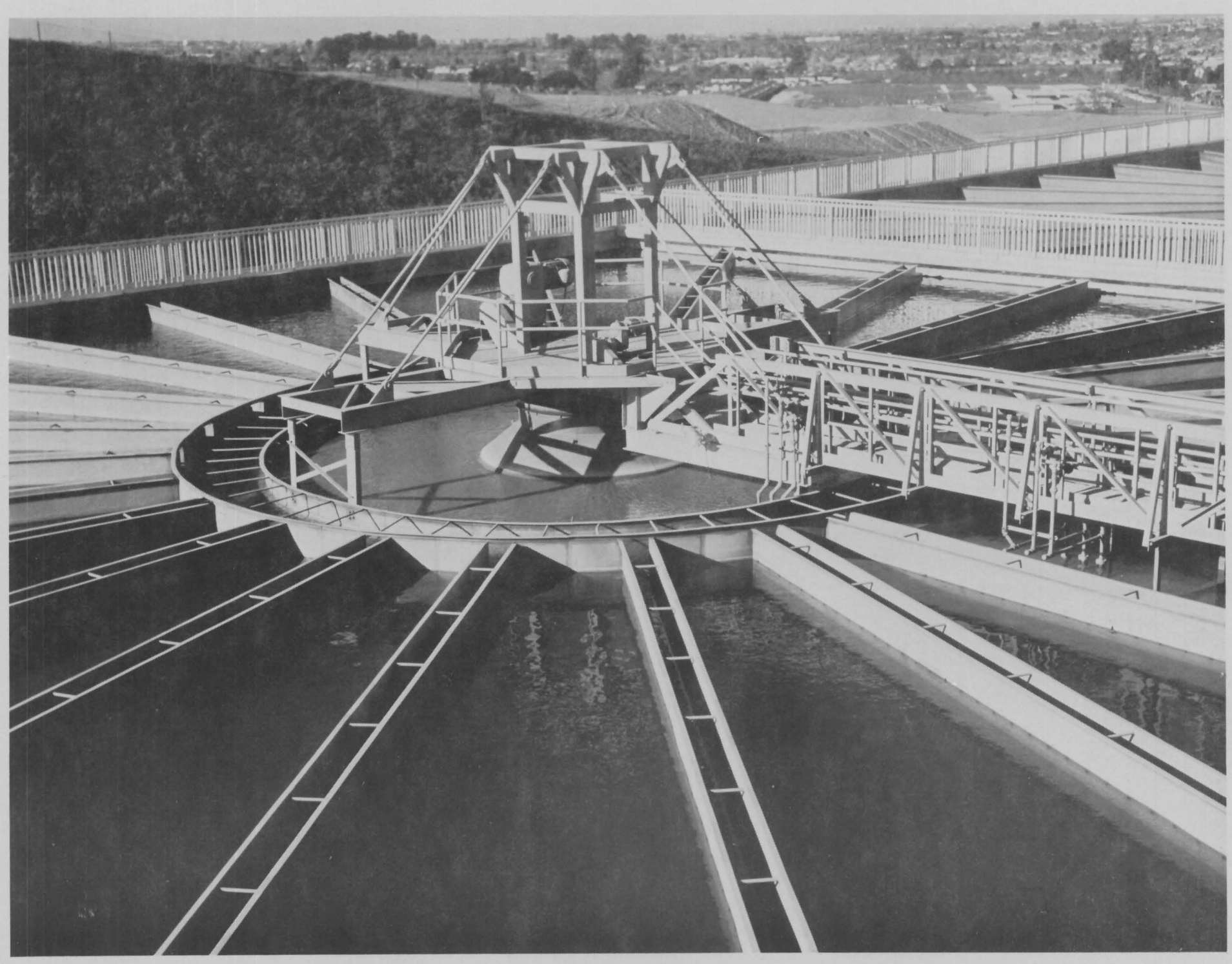
Operations Program

Funds budgeted in this program reflect a $77,236 increase compared to the preceding year. The funds provide for normal operation of the Raw Water Distribution System, Land Use Review and Land Ownership Management. Technical services will increase because of more facilities. Labor to operate all of the facilities will increase 400 hours. To reduce vandalism of on stream gravel dams, improved bypass facilities will be installed at some sites.

Administration Program

This program includes Insurance and Administrative Projects. The amount budgeted is $15,573. This program has decreased by $8,270 compared to the preceding year.

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			33,961		33,961
Technical Services				8,053		8,053
Insurance					6,227	6,227
Administrative Projects					9,346	9,346
Raw Water Distribution - General		75,446		91,814		167,260
Central Pipeline		24,300				24,300
Vasona Pump Station		237,834	12,962			250,796
Almaden Valley Pipeline		536,612				536,612
Cross Valley Pipeline		7,336,955				7,336,955
Anderson Force Main		598,359				598,359
Stevens Creek Pipeline Control Sys.		62,594				62,594
Coyote-Alamitos Canal	17,602					17,602
Evergreen Distribution System	17,521					17,521
Los Capitancillos Percolation System	12,625					12,625
Vasona Distribution System	17,602					17,602
Almaden-Calero Canal		67,333				67,333
Small Equipment Replacement		5,000				5,000
Raw Water T&D-General			824,740	899,840		1,724,580
As-Built Drawings			2,925			2,925
Maple Ave Recharge Facility		2,002,211				2,002,211
Total	$ 65,350	10,946,644	840,627	1,033,668	15,573	12,901,862



BACKGROUND INFORMATION

The Water Treatment Cost Center is the third of five cost centers in the Water Utility Enterprise. This Cost Center contains all expenditures associated with the purification of water at the Rinconada Water Treatment Plant and the Penitencia Water Treatment Plant.

SUMMARY BY PROGRAM

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 6,709	279,735	184,890	
Construction	781,464	540,471	771,707	
Maintenance	580,446	832,156	1,033,650	
Operations	2,021,339	2,248,146	2,920,111	
Administration	38,170	39,988	20,675	
Total	3,428,128	3,940,496	4,931,033	

Planning Program

This program provides funds for studies related to the three water treatment plants. The budgeted amount of $184,890 is $94,845 less than budgeted for this program in the preceding year because the planning effort for the Penitencia and Rinconada Treatment Plants has been reduced.

Penitencia Water Treatment Plant — $35,463

This provides for an Engineer's Report and design criteria for the disposal of sludge generated at Penitencia Water Treatment Plant.

Santa Teresa Water Treatment Plant — $129,214

This provides for continuing studies on the plant location and on conveyance studies and geotechnical investigations concentrating on tunnel alignments.

Rinconada Water Treatment Plant — $20,213

This provides for an Engineer's Report and design criteria for the disposal of sludge generated at Rinconada Water Treatment Plant.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The amount budgeted of $771,707 reflects a $231,236 increase from the preceding year and includes the following projects:

Penitencia Water Treatment Plant — $242,583

This project provides funds to maximize plant production, develop a monitoring program for the plant site, a modification of the chemical feed systems and installation of tube settlers.

Rinconada Water Treatment Plant — $474,816

This project provides funds for the purchase of new test equipment, installation of a lime feed system, design of a digital distributed control system and the replacement of pneumatic valve operators with electric operators.

Control System - Penitencia Water Treatment Plant — $46,308

This project provides labor for the installation and checkout of the master control system logic now being manufactured for the Penitencia Water Treatment Plant and the Eastside Distribution System.

Small Equipment Replacement — $8,000

This project provides for the replacement of equipment in this Cost Center which is not covered by the Replacement Appropriation.

Maintenance Program

Funds budgeted in this program provide for normal maintenance requirements within the Cost Center. This budget of $1,033,650 is an increase of $201,494 over the preceding year. Special maintenance is planned to replace existing asphalt linings in two washwater recovery ponds. Significant deferred maintenance is planned, including painting. An additional 1,300 labor hours are projected.

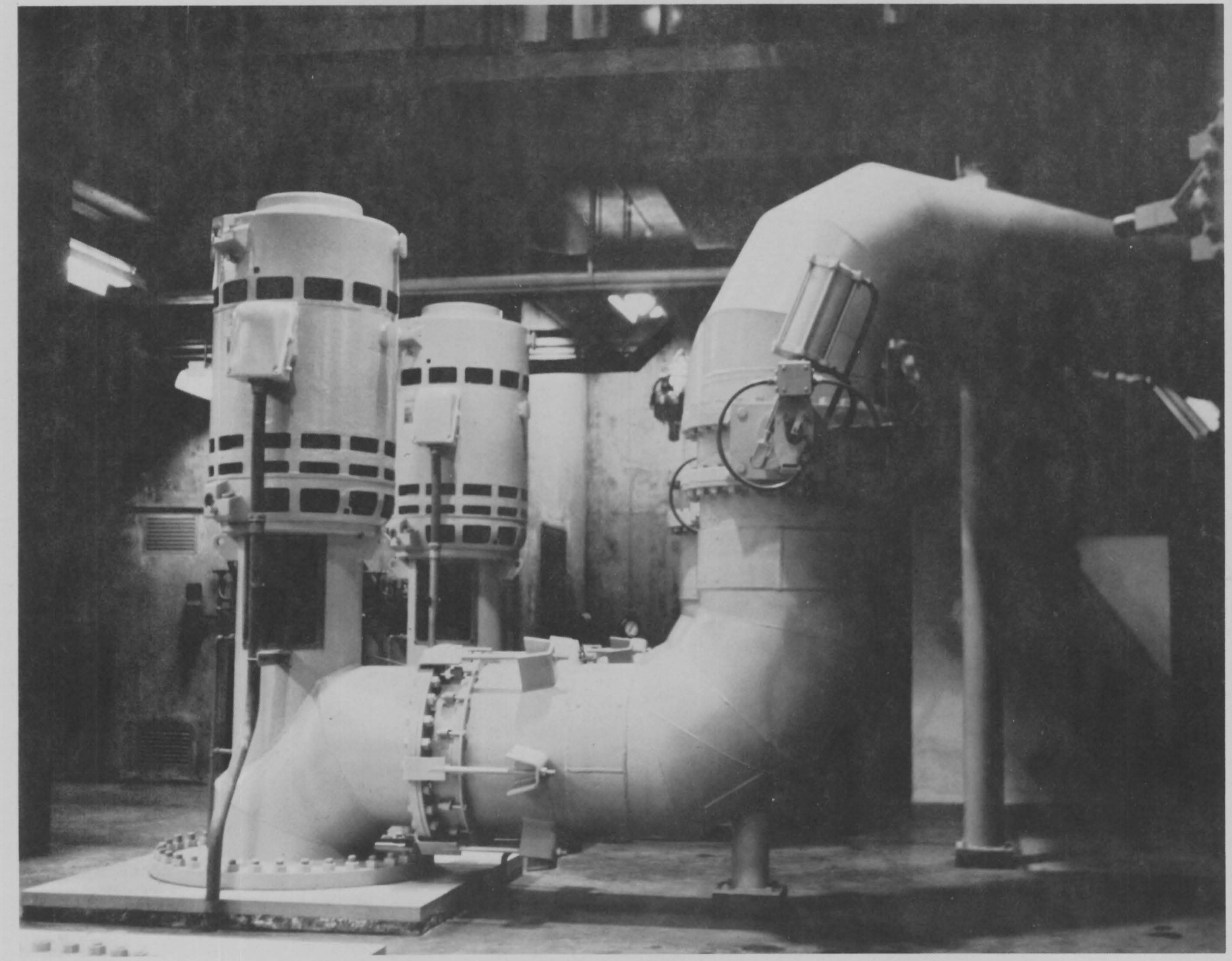
Operations Program

The $2,920,111 budgeted in this program provides for the normal operation of two water treatment plants. The program cost has increased $671,965 over the preceding year. The primary reason is an increase in cost of materials to treat the water. Sludge hauling costs have nearly doubled over the preceeding year. A reduction in power cost is anticipated due to the purchase of western power.

Administration Program

This program contains funds for updating the District's Standard Specifications for flood control and water supply design and the Insurance Project. The budgeted amount of $20,675 is $19,313 less than budgeted for this program in the preceding year.

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Insurance					18,905	18,905
Update & Revise Std. Specifications					1,770	1,770
Penitencia Water Treatment Plant	35,463	242,583	12,578			290,624
Santa Teresa Water Treatment Plant	129,214					129,214
Rinconada Water Treatment Plant	20,213	474,816	86,965			581,994
Control System - PWTP		46,308				46,308
Small Equipment Replacement		8,000				8,000
Water Treatment - General			931,182	2,920,111		3,851,293
As-Built Drawings			2,925			2,925
Total	184,890	771,707	1,033,650	2,920,111	20,675	4,931,033



BACKGROUND INFORMATION

The Treated Water Transmission and Distribution Cost Center is the fourth of five cost centers within the Water Utility Enterprise. This Cost Center contains all expenditures relating to the distribution of treated water to retail customers and includes costs associated with the treated water reservoirs, pumping systems, pipelines and turnouts.

SUMMARY BY PROGRAM

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 0	0	0	
Construction	70,299	994,183	1,013,357	
Maintenance	97,704	126,621	125,589	
Operations	267,726	336,226	370,642	
Administration	26,798	17,262	9,477	
	$ 462,527	1,474,292	1,519,065	

Construction Program

This program provides for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $1,013,357 includes the following projects:

West Reservoir — $985,937

This project provides for the treated water reservoir site land acquisition. This project will provide storage capacity necessary to insure an adequate supply of water to meet peak flow requirements and it will also provide an emergency water supply in the event the Rinconada Water Treatment Plant has to shut down.

West Pipeline — $22,420

These funds provide for purchase of a pH meter and acquisition of an alarm summary log to monitor hardware malfunctions on the West Pipeline and its control equipment.

Small Equipment Replacement — $5,000

This project provides for the replacement of equipment in this Cost Center which is not covered by the Replacement Appropriation.

Maintenance Program

Funds budgeted for this program provide for normal maintenance requirements within the Cost Center. This budget is $1,032 lower than the preceding year.

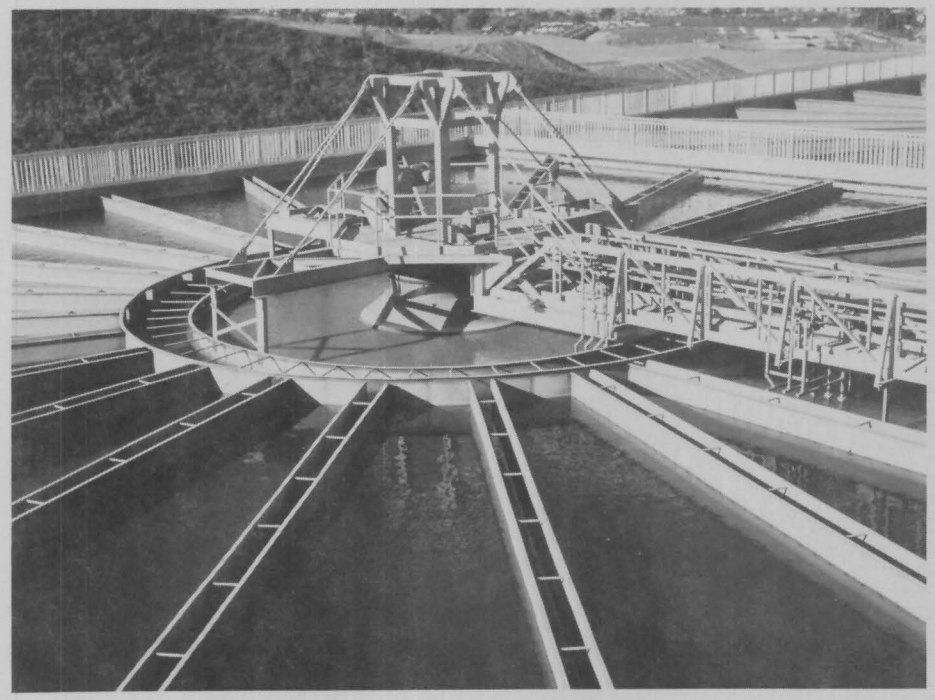
Operations Program

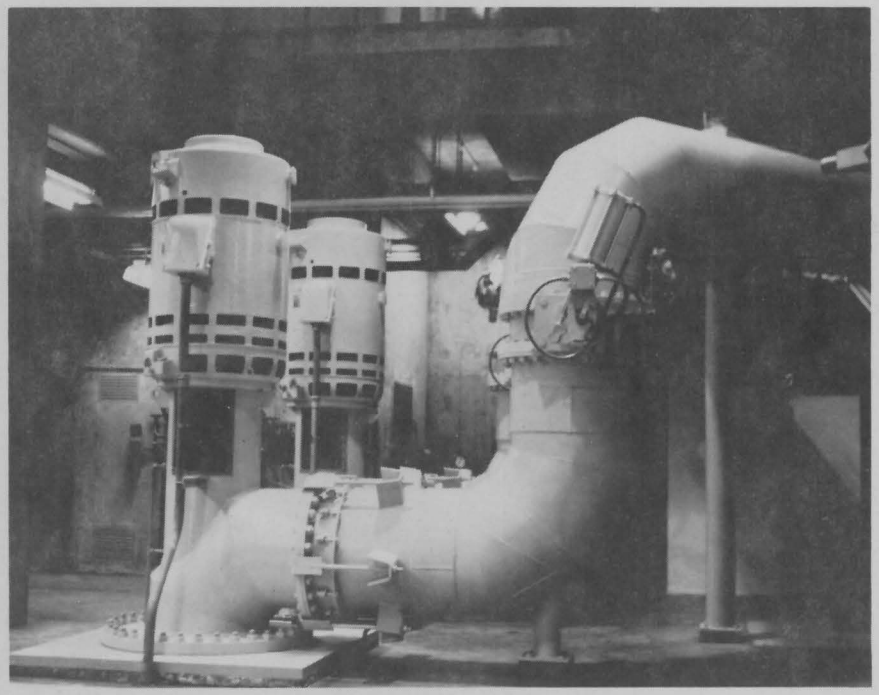
Funds budgeted in this program provide for normal operation of the Treated Water Distribution System. This budget is $34,416 higher than the preceding year. However, a reduction in power cost is anticipated due to the purchase of western power.

Administration Program

This program includes the Insurance and Administrative Projects. On a comparative basis, this program has a decrease of $7,785 compared to the preceding year.

Project	PROGRAM					Project Totals
	Planning	Construc-tion	Maintenance	Operations	Adminis-tration	
Land Use Review	$			11,730		11,730
Technical Services				1,007		1,007
Insurance					6,227	6,227
Administrative Projects					3,250	3,250
West Reservoir		985,937				985,937
West Pipeline		22,420				22,420
Small Equipment Replacement		5,000				5,000
Treated Water T&D - General			122,664	357,905		480,569
As-Built Drawings			2,925			2,925
Total	$	1,013,357	125,589	370,642	9,477	1,519,065









BACKGROUND INFORMATION

The Administration and General Cost Center is the fifth and final Cost Center in the Water Utility Enterprise. It contains all expenditures of an administrative nature which cannot be properly assigned to one of the other four cost centers. Work performed in this Cost Center covers items such as the collection of groundwater charges, pricing analysis, financial and cash flow studies, annual reports and general water management planning.

SUMMARY BY PROGRAM

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Planning	$ 484,441	450,963	533,047	
Construction	41,799	0	0	
Maintenance	0	0	0	
Operations	302,131	299,898	339,524	
Administration	139,131	170,616	144,932	
	$ 967,502	921,477	1,017,503	

Planning Program

Funds budgeted in this program are $533,047 or $82,084 more than the preceding year. Planning projects are:

Financial and Cash Flow Study — $116,249

This project consists of evaluating the effects of future revenues and expenditures on the Water Utility's Financial Cash Flow Position. It also provides funds for the preparation of the Annual Financial Analysis of the Water Utility.

Annual Water Supply Balance — $31,364

This project provides for the continuing analysis of water conditions of the preceding year and the preparation of a report summarizing these findings. The analysis consists of an overall hydrologic balance to determine the net surplus or deficit in groundwater supply and changes in storage. Also included will be information on subsidence, saltwater contamination, water quality and summaries of wastewater reclamation projects.

Water Reclamation Studies $29,262

This provides for support activities for the Water Reuse Advisory Committee and District support in several reclamation study projects, including cooperation with DWR of the feasibility of using reclaimed water to meet a portion of the water needs of Santa Clara County.

Groundwater Model $52,873

This is a continuing project to provide for the improvement and operation of the District's groundwater model. In this fiscal year, efforts will be made to further refine the calibration of the north county model, making it operational on District equipment, produce a user's manual, extend the data base to the present and use it in basin management.

Water Resources Master Planning $185,518

This project consists of a continuing review of the projected water demands of the various sources of supply including reclaimed water and of the optimization of the distribution of the total supply to meet the demand. Also included is an evaluation of alternative methods of meeting water needs on the east side because the Penitencia Water Plant cannot be expanded.

Water Quality Studies $117,781

This project contains all the general studies related to water quality being performed by the District. It is composed of two parts: a) short term problem related studies, and b) special studies needed to enhance water quality. Work to be done this year will concentrate in the areas of monitoring groundwater quality, maintain limnological studies and assist in developing better erosion control.

Operations Program

Funds budgeted in this program provide for field surveillance of groundwater and surface water facilities, operation of the meter test facility, and meter testing and repair activities. It also provides for the collection of surface and groundwater quality data and for the monitoring of depth to groundwater in the various groundwater basins. The amount budgeted for this fiscal year is $339,524 compared to $299,898 in the preceding fiscal year. Materials for testing has increased $15,000 and 330 additional personnel hours will be needed to perform these duties.

Administration Program

This program includes Insurance, Administrative, Water Revenue Collection and Dock Permit Administration Projects. The amount budgeted for this fiscal year is $144,932 which represents a $25,684 decrease compared to the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Technical Services	$			839		839
Administrative Projects					30,273	30,273
Water Revenue Collection					114,659	114,659
Water Measurement				266,790		266,790
Financial and Cash Flow Study	116,249					116,249
Annual Water Supply Balance	31,364					31,364
Water Reclamation Studies	29,262					29,262
Groundwater Model	52,873					52,873
Water Quality Monitoring				37,267		37,267
Groundwater Monitoring				34,628		34,628
Water Resources Master Planning	185,518					185,518
Water Quality Studies	117,781					117,781
Total	$ 533,047			339,524	144,932	1,017,503

DISTRICT

DIRECT COSTS

GOVERNMENTAL PROGRAM

FIXED ASSETS

DISTRIBUTED EXPENSES

ADMINISTRATION PROGRAM

SERVICES AND SUPPLIES

The District Cost Center Budget is presented in two parts. The first part contains the budget for Direct Costs. Direct Costs consist of the Governmental Program and Fixed Assets. The second part contains the budget for Distributed Expenses. Distributed Expenses consist of the Administration Program and Service and Supplies.

The primary source of revenues to support the Direct Costs of the District Cost Center is an allocation from the Countywide tax levy.

The District Cost Center can make loans to other cost centers with the approval of the Board of Directors. At June 30, 1982, the South Zone owed the District Cost Center approximately $580,000 of which approximately $150,000 is reimbursable under the PL 566 Program.

REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$4,762,172	4,525,012	4,600,000	
Revenue Sources				
Property Taxes	710,197	787,722	975,750	
Interest	643,636	648,450	550,990	
Agreements and Advances				
Other	10,743	10,000	11,040	
Total Revenue Sources	1,364,576	1,446,172	1,537,780	
Total Available	$6,126,748	5,971,184	6,137,780	

OUTLAY SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Governmental Program	$ 871,682	977,218	959,209	
Fixed Assets	325,097	397,590	400,502	
Loan to the South Zone	263,927	1,280,000	2,206,800	
Inter Fund Loan Appropriation		2,316,376	1,571,269	
Contingency Appropriation	1,000,000	1,000,000	1,000,000	
Total Appropriated	2,460,706	5,971,184	6,137,780	
Balance End of Year	3,666,042			
Total	$6,126,748	5,971,184	6,137,780	

Governmental Program

Projects within the Governmental Program are those which cannot be readily identified with Flood Control or Water Utility Cost Centers. They can be categorized as general type projects which support Districtwide activities. Proposed appropriations for fiscal year 1982-83 have decreased $18,009 compared to the preceding year. A comparative summary of expenditures can be found on Exhibit 1, page 63. Projects included in the Governmental Program for 1982-83 are:

Basic Data Collection — $271,263

This project provides for the continuing collection and publication of basic data items such as the amounts and distributions of precipitation, streamflow quantities, tide elevations, reservoir storage, evaporation, sedimentation within District reservoirs and items of a similar nature. There is also included a continuation of the plan to develop computer programs that will make more economical calculations from these data.

Flood Insurance Liaison Study — $18,400

This project is a continuing program to provide updating of flood maps relative to requirements of the Federal Flood Insurance Program and for dissemination of general information to all concerned with the program. The District works with local communities in the development of land use criteria in the floodplain areas and in the review of flood insurance rate studies.

Vertical Monumentation — $5,854

This project will extend permanent vertical monument control on District facilities.

Insurance Project — $13,027

This project provides the labor necessary to manage the District's Risk Management Program.

Administrative Projects — $404,620

This project provides for all chargeable time to District administrative work which cannot be directly related to Flood Control or a Water Utility Cost Center but rather has a benefit to the District as a whole. The following is a list of functions usually found within this project: Personnel Education and Training, Personnel Recruitment, Budget Preparation, Meetings, Administrative Analysis, Updating of Manuals, Personnel Safety, and Geographic Names Study.

Basic Hydrology $44,427

This is a continuing project which consists of analysis of data collected under the Basic Data Collection. The analysis of data assists in determining optimum reservoir operation of our existing reservoir system. Data will continue to be gathered for the purpose of creating historical records which can be used in the analysis of flood control and water supply problems. An increased effort will be made to develop a flood forecasting system in the zones of greatest need.

Directors' Fees and Expenses $36,000

This project provides for the per diem fees and expenses of the District's Board of Directors.

Legal Projects $68,680

This project provides for the legal services of the District and for other legal costs which cannot be directly related to a specific scope of work in the Flood Control or the Water Utility Cost Centers.

Public Education $65,645

This project provides for the operation and management of a Districtwide program of public information and education. Activities include: preparation of information, displays, brochures, periodic publications for internal and external informational use, providing for tours of District facilities, conducting liaison work with film production, advertising, graphics and public relation consultants for services related to the District's overall public information requirements, providing public information advice and consultation to District organizational units and to provide written and graphic communication to others.

Records Management System $20,798

This project will provide labor and equipment to develop and maintain a photo filing system which will allow rapid retrieval of resources, cross indexing, security for valuable photos, rapid reproduction of usable photos and maintenance of the system.

Environmental Analysis $10,495

This project provides for review and formal comment on environmental impact reports submitted to the District by outside agencies and general support of environmental impact report activities such as the review and preparation of District environmental impact report guidelines, procedures and community informational meetings relative to the District's environmental impact report process. Also provided is an evaluation and comparison of the impacts of selected major construction projects that occur after completion of the project. It also provides time for staff to determine current accord with CEQA interpretations.

Fixed Assets purchased from the District Cost Center are used to support Districtwide activities as a whole. They are the type of expenditure that cannot be identified with or purchased from the funds of any other cost center. Proposed appropriations for fiscal year 1982-83 have increased $2,912 compared to the preceeding year. A comparative summary of expenditures can be found on Exhibit 2, page 64. Items included in Fixed Assets for 1982-83 are:

Structures and Improvements $84,400

These funds are to provide for an additional paved parking area due to the widening of Almaden Expressway. Also included are funds to replace the air conditioning system, floor covering and make other modifications to the Maintenance Headquarters Building.

Office Equipment $5,207

Budgeted funds provide for the acquisition and/or replacement of typewriters and calculators plus the acquisition of a plan holder.

Automotive Equipment $41,500

The budgeted funds will provide one sedan, two 4x4 pickups for Maintenance Division crews and a trailer to serve as a field office for inspectors.

Other Equipment $109,505

New items of equipment budgeted are: a video player and monitor, a Youth Science Institute display, two scanners and a 16 mm projector, a digit cassette drive to interface with existing programmable calculators, a water softener for the Administration Building and a level auto zeiss. Also requested are funds for a used Thiokol track vehicle, truck mounted wiper type herbicide applicator, two chemical spray control systems, light duty tilt top trailer, backpack sprayer, high-capacity trash pump, welding screen, two flameproof lockers, wireless head phone system, two chain saws, tree trimmer, air operated jack, weed mower, hydraulically operated clamp type hook, sandbag filling machine and portable sewing machine, a portable welding fume exhauster, airless spray unit, pantograph engraving set, power supply dual Lambda, electronic frequency counter, data communications tester, mechanical conduit bender, steel storage shelves, an F.M.I. pump and a chemical pump.

Office Furniture $29,140

The account provides for various desks, chairs, tables, file cabinets for replacement of worn out office furniture, office partitions and refurbishment of lobby area.

Computer Equipment $130,750

The budgeted amount provides for the annual deferred payment of the Burroughs 3800 System. This equipment is being purchased under an approved lease-purchase agreement. Also included are three CRT terminals, a printer with remote controller, a minicomputer to interface with the Burroughs main frame including a printer, monitor and disk drive.

EXHIBIT 1

SUMMARY OF GOVERNMENTAL PROGRAM PROJECTS

PROJECT	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Basic Data Collection	$ 245,094	278,997	271,263	
Flood Insurance Liaison Study	10,119	15,284	18,400	
Vertical Monumentation	5,896	4,185	5,854	
Insurance Project	23,900	26,560	13,027	
Administrative Projects	378,269	389,209	404,620	
Basic Hydrology	34,876	44,890	44,427	
Directors' Fees and Expenses	32,784	38,000	36,000	
Legal Projects	54,213	66,559	68,680	
Public Education	76,188	79,197	65,645	
Records Management System		21,641	20,798	
Environmental Analysis	10,343	12,696	10,495	
Program Total	$ 871,682	977,218	959,209	

EXHIBIT 2

SUMMARY OF FIXED ASSET ACCOUNTS

	ACCOUNT	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
1200	Land	$ 88,700			
1300	Structures & Improvements	2,958	46,400	84,400	
1401	Office Equipment	4,338	30,125	5,207	
1402	Automotive Equipment	19,119	36,150	41,500	
1403	Communications Equipment	18,553	18,700		
1404	Hydrologic Equipment	5,836			
1406	Other Equipment	89,545	137,734	109,505	
1407	Office Furniture	10,973	20,261	29,140	
1408	Computer Equipment	85,075	108,220	130,750	
Total		$325,097	397,590	400,502	

DISTRIBUTED EXPENSE

Distributed Expense is an overhead cost. Overhead consists of the District Cost Center's Administration Program and its Services and Supplies accounts. These expenditures are reimbursed by applying Distributed Expense as an overhead rate to all District labor charged to work performed in other cost centers. Since all costs are reimbursed, expenditures for Distributed Expense do not reduce the revenues of the District Cost Center.

SUMMARY BY PROGRAM

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Administration Program	$3,610,830	4,477,412	5,009,658	
Services and Supplies	781,367	1,038,609	1,065,921	
Total Expenditures	$4,392,197	5,516,021	6,075,579	

Administration Program

Administration Program expenditures are those which support Districtwide activities and therefore cannot be charged directly to another cost center or fund. These projects reflect a $532,246 increase compared to the preceding year. A comparative summary of expenditures can be found on Exhibit 3, page 70. Projects included in the Administration Program for 1982-83 are:

Sick Leave, Vacation, etc. — $1,291,863

This project includes all time chargeable to Sick Leave, Vacation, Holidays, Jury Duty, Military Leave, and approved Leave with Pay.

Ordinance Administration — $33,089

This project provides for labor necessary to prepare manuals, standards and design aids to assist in the enforcement and application of Ordinance 74-1. The budgeted amount also provides for investigation and resolution of violations to Ordinance 74-1 and to prepare materials to generate public awareness of potential violations.

General Services — $173,356

This project provides for District labor spent in general activities such as purchasing, reproduction and printing services, claims administration, equipment and materials inventory, building maintenance administration and messenger services.

Finance Services $197,247

This project provides financial services for all areas of the District, including Flood Control Zones, Water Utility Enterprise, general governmental activities, revenue, payroll, investments and the Equipment Working Capital Fund. Budget compilation and analyses are also performed in this project.

Secretarial Services $560,934

This project provides for the secretarial and clerical services for the entire District. This includes personnel records, reception services, library services, filing, mail distribution, maintenance of minutes for committees and the Board of Directors, dictation, typing, word processing and other general secretarial services.

Management Project $295,576

This project provides for work performed by various management personnel of the District.

Data Processing - Business, Administrative and Commercial $126,628

This project provides for the systems design, programming, debugging, operations and maintenance of business, administrative, and commercial data processing applications that are of general benefit to the entire District.

Computer Systems Analysis $22,752

This project provides for analysis and evaluation of proposed computer configurations, terminals, new programs and new operation techniques.

Data Processing Operations $76,413

This project provides for data processing operations required by and associated with the in-house computer facility. This includes the computer operator, data entry operations, and supervisory and technical support for the entire system.

District Headquarters and Facilities $134,065

This project provides for the routine maintenance, custodial and landscaping work required to maintain the Administration and Maintenance Headquarters, the Almaden Yard, and Class IV equipment.

Employee Benefits $2,097,735

This project provides for funding the employee health insurance, long-term disability, dental insurance, basic life insurance, and retirement program through the Public Employees Retirement System.

Services and Supplies purchased from the District Cost Center are used to support Districtwide activities as a whole. They are of the type that cannot be identified with or purchased directly from funds of any other cost center. The costs of Services and Supplies are, however, recovered as applied overhead. Services and Supplies costs have increased by $27,312. A comparative summary of expenditures can be found on Exhibit 4, page 71. Items included in Services and Supplies for 1982-83 are:

Communications $69,500

This account provides for all telephone service at the Almaden Complex and the installation of telephone cabling to connect the maintenance terminal.

Insurance - Workers' Compensation $146,000

This account provides premiums for Workers' Compensation Insurance. The experience rating modification is set at 81 percent of premium computed at basic or scheduled levels.

Insurance - Other $5,000

This account includes premiums for property insurance for Administration Headquarters and Maintenance Buildings and contents, miscellaneous tools, and non-owned aircraft insurance.

Unemployment Insurance $5,000

This account is a requirement of legislation passed during 1977-78. It provides for the cost of unemployment benefits.

Maintenance Services $190,276

This account provides for drafting and survey equipment maintenance, maintenance of audio-visual equipment, mobile radio equipment, janitorial services, fire extinguisher and alarm service, pest control service, elevator maintenance, furniture refurbishing, office and copying machine maintenance, air-conditioning and heating maintenance, alterations to the Administration Building, maintenance of the Burroughs computer equipment, maintenance of the building and ground areas, and replacement of redwood facility signs.

Materials and Supplies $47,600

This account includes funding for floor sealer for the Administrative Annex, supplies for keypunch equipment, lumber, paint, steel pipe, welding supplies, masonry supplies, field survey materials and maintenance requirements for maintaining the Administration and Maintenance Headquarters, the Almaden Yard, and Class IV equipment.

Memberships $15,592

This account includes funding to provide for various professional and technical memberships in associations which relate to the functions of the District.

Office Expense - General Supplies $52,625

This account includes drafting supplies, notebooks, binders, pencils, graph paper, tab cards, labels, library supplies, computer paper, printer ribbons, and other supplies of a general nature.

Office Expense - Reproduction Supplies $24,100

This account includes paper and operating supplies for the various copy machines, bindery supplies, and supplies used for the blueprint machine.

Office Expense - Printing and Binding $32,335

This account provides for outside printing of personnel announcements and brochures; budget divider pages; general business forms, such as letterhead, envelopes, business cards, purchase orders, and requisitions necessary for operation of the District, payroll and general fund checks; W-2 forms; map reproduction; and general printing and binding that cannot be performed by District facilities.

Office Expense - Postage $15,700

This account provides funding for metered mail and miscellaneous postage.

Contract Services - Auditing $1,500

This account provides for the District's share of the annual audit fee of financial transactions. This is the final year of a three-year contract.

Contract Services - Data Processing $39,750

This account provides for computer services which cannot be supplied by the current in-house capability. Included are programming services and analysis, keypunch services to provide for vacations and unusual backlogs, and data communications handler maintenance for software systems. Also included are programming services to complete software for the flood control maintenance scheduling and measurement system.

Contract Services - Other $103,385

Budgeted amounts provide for pre-employment physicals and placement testing, graphic arts service, microfilming, updating of the evaluation of the District's buildings and contents, security services for the Administration Building, after hours availability of District cafeteria services, microfiche services, temporary help and software consultant services.

Publication Fees and Legal Notices $8,000

This account is to provide for recruitment advertising and miscellaneous legal advertising and notices.

Lease Expense - Equipment $33,616

Requested funding provides for the lease of equipment to be used with the Burroughs computer system, duplicating machines, rental of equipment to be used for maintenance of the Administration and Maintenance Buildings and Grounds and the rental of office space in Gilroy.

Small Tools and Instruments $23,175

This account is to provide for general small tools and instruments required by the District.

Special Expense - Education $17,400

This account provides for tuition fees, textbooks and supplies for educational courses, seminars, conferences, and training programs.

Special Expense - Other $67,367

This account provides for the acquisition of publications, library documents, and employee awards as well as for procurement of film, microfilming county records, other photographic processing and election expenses.

Transportation and Travel - Lodging/Meals $48,000

This account provides funding for authorized travel by the staff while on District business. The budgeted amount also includes lodging and meal expenses.

Utilities $120,000

This funding is to provide utilities at the Administration and Maintenance Headquarters Buildings. Budgeted amounts include funding for water, gas, electricity, disposal and dump charges, standby charges, and sewer service and use charges.

EXHIBIT 3

SUMMARY OF ADMINISTRATION PROGRAM PROJECTS

PROJECT	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Sick Leave, Vacation, etc.	$ 1,056,926	1,196,979	1,291,863	
Ordinance Administration	23,156	30,260	33,089	
General Services	143,849	145,012	173,356	
Finance Services	146,510	180,428	197,247	
Secretarial Services	420,605	542,811	560,934	
Management Project	266,396	278,593	295,576	
DP - Engineering & Scientific	10,474			
DP - Business Admin. and Com'l.	94,751	107,012	126,628	
Computer Systems Analysis	11,272	23,585	22,752	
Data Processing Operations	61,616	68,235	76,413	
District Headquarters & Fac.	90,723	92,345	134,065	
Employee Benefits	1,284,552	1,812,152	2,097,735	
Total	$3,610,830	4,477,412	5,009,658	

DISTRICT DISTRIBUTED EXPENSE

EXHIBIT 4

SUMMARY OF SERVICES AND SUPPLIES ACCOUNTS

ACCOUNT		Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
6100	Communication	$ 59,500	101,040	69,500	
6510	Insurance-Workers' Comp.	108,203	146,000	146,000	
6520	Insurance-Other	5,500	5,000	5,000	
6530	Unemployment Insurance	6,705	7,500	5,000	
7200	Maintenance-Services	132,297	207,629	190,276	
7400	Materials and Supplies	43,490	43,530	47,600	
7700	Memberships	14,198	13,878	15,592	
7810	Office Expense-General Supplies	37,607	54,625	52,625	
7820	Office Exp.-Repro. Supplies	22,717	23,650	24,100	
7830	Office Exp.-Printing & Binding	8,489	12,500	32,335	
7840	Office Expense-Postage	12,634	12,730	15,700	
8020	Contract Services-Auditing		3,000	1,500	
8030	Contract Services-DP	5,186	37,720	39,750	
8040	Contract Services-Engineering	2,000			
8050	Contract Services-Legal	573			
8060	Contract Services-Other	72,440	105,990	103,385	
8100	Publication Fees & Legal Notices	11,021	10,000	8,000	
8420	Lease Expense-Equipment	41,343	37,590	33,616	
8600	Small Tools & Instruments	17,756	24,945	23,175	
8710	Special Expense-Education	9,263	15,925	17,400	
8730	Special Expense-Other	53,671	48,847	67,367	
9110	Trans. & Trav.-/Lodg./Meals	39,440	41,010	48,000	
9300	Utilities	77,334	85,500	120,000	
Total		$ 781,367	1,038,609	1,065,921	

DISTRICT DISTRIBUTED EXPENSE

SERVICE FUND

EQUIPMENT WORKING CAPITAL FUND

REVENUE SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Balance Beginning of Year	$1,440,376	1,233,669	1,025,000	
Revenue Sources				
Equipment Rental	408,261	494,531	490,645	
Interest	195,947	185,200	155,980	
Sale of Equipment	11,253	16,000	28,850	
Total Revenue Sources	615,461	695,731	675,475	
Total Available	$2,055,837	1,929,400	1,700,475	

OUTLAY SUMMARY

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Operating Expense	$ 490,174	643,447	636,514	
Equipment Purchase	152,634	257,900	265,000	
Total Expenditures	642,808	901,347	901,514	
Inter-Fund Adjustment	18,981	11,975	9,976	
Replacement Appropriation	1,344,048	966,078	738,985	
Contingency Appropriation	50,000	50,000	50,000	
Total Appropriated	$2,055,837	1,929,400	1,700,475	

BACKGROUND INFORMATION

The Equipment Working Capital Fund was established for the purpose of maintaining, operating and replacing three types of mobile equipment owned by the District. Type I Equipment consists of sedans and pickup trucks, Type II Equipment consists of heavy-duty trucks and Type III Equipment consists of heavy-operating equipment such as bulldozers, draglines and other similar types of equipment used for maintenance of District projects.

The Equipment Working Capital Fund is self-supporting with all replacement and maintenance costs being charged by preestablished rates to all projects in the various cost centers. The expenses of the equipment Working Capital Fund are recovered by a mileage rate charged on Type I Equipment and hourly rate charged for Types II and III Equipment.

Equipment Purchase

This Section reflects the cost of all replacement items. The budgeted amount of $265,000 provides for the replacement of the various classes of equipment shown below. The necessary funding is provided by current revenue, supplemented by amounts accumulated for the replacement of equipment items. The items listed for replacement have been selected on the basis of accumulated mileage, obsolescence and planned needs of the District.

Class I Equipment — $143,500

Class I Equipment items scheduled for replacement consist of: nine compact sedans, one 1/2-ton pickup, two 3/4 ton pickups and five light utility pickups.

Class II Equipment — $105,500

Class II equipment items scheduled for replacement consist of: one 4 x 4 spray rig with boom truck, one crew truck, one mechanic's truck and one replacement for Truck No. 6303.

Class III Equipment — $16,000

Class III equipment items scheduled for replacement consists of: one forklift.

Operating Expense

The Operating Expense Section of the Equipment Working Capital Fund provides for insurance, materials and supplies, and District labor to service and maintain all equipment items within the fund.

SUMMARY OF EQUIPMENT PURCHASE AND OPERATING EXPENSE

	Actual 1980-81	Approved 1981-82	Requested 1982-83	Final 1982-83
Equipment Purchase				
Class I	$ 87,864	111,900	143,500	
Class II		127,000	105,500	
Class III	64,770	19,000	16,000	
Operating Expense	509,155	655,422	646,490	
Total Purchase and Expense	$661,789	913,322	911,490	